

9/16/2020

National Testing Agency

Question Paper Name :	Big Data Analytics For Smart Grid
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Big Data Analytics For Smart Grid

Group Number :	1
Group Id :	89951425
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

Big Data Analytics For Smart Grid

Section Id :	89951425
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100

9/16/2020

Number of Questions to be attempted :	100
Section Marks :	100
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	89951438
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 8995142050 Question Type : MCQ Option Shuffling : No Display Question : No
Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

In Fourier Series Analysis for Harmonic Decomposition a_0 stands for

- A. Fundamental component
- B. Harmonic component
- C. dc component
- D. ac component

Options :

- 8995148160. 1
- 8995148161. 2
- 8995148162. 3
- 8995148163. 4

Question Number : 2 Question Id : 8995142051 Question Type : MCQ Option Shuffling : No Display Question : No
Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

9/16/2020

Smart grid back bone is....., which connect different components to a smart grid, and provide two way communication.

- A. Smart Meter
- B. ICT
- C. SCADA
- D. DCS

Options :

- 8995148164. 1
- 8995148165. 2
- 8995148166. 3
- 8995148167. 4

Question Number : 3 Question Id : 8995142052 Question Type : MCQ Option Shuffling : No Display Question : Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Which of the following methods do we use to find the best fit line for data in Linear Regression?

- A. Least Square Error
- B. Maximum Likelihood
- C. Logarithmic Loss
- D. Both A and B

Options :

- 8995148168. 1
- 8995148169. 2
- 8995148170. 3
- 8995148171. 4

Question Number : 4 Question Id : 8995142053 Question Type : MCQ Option Shuffling : No Display Question :

9/16/2020

Mandatory : No Single Line Question Option : No Option Orientation : Vertical**Correct Marks : 1 Wrong Marks : 0**

In terms of bias and variance. Which of the following is true when you fit degree polynomial?

- A. Bias will be high, variance will be high
- B. Bias will be low, variance will be high
- C. Bias will be high, variance will be low
- D. Bias will be low, variance will be low

Options :

8995148172. 1

8995148173. 2

8995148174. 3

8995148175. 4

Question Number : 5 Question Id : 8995142054 Question Type : MCQ Option Shuffling : No Display Quest**Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

Suppose that you have a dataset D1 and you design a linear regression model of degree 3 polynomial and you found that the training and testing error is “0” or in another words it perfectly fits the data.

What will happen when you fit degree 4 polynomial in linear regression?

- A) There are high chances that degree 4 polynomial will over fit the data
- B) There are high chances that degree 4 polynomial will under fit the data
- C) Degree 4 polynomial will perfect fit the data
- D) Cant Say

Options :

8995148176. 1

8995148177. 2

9/16/2020

8995148178. 3

8995148179. 4

Question Number : 6 Question Id : 8995142055 Question Type : MCQ Option Shuffling : No Display Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

To test linear relationship of y(dependent) and x(independent) continuous variable which of the following plot best suited?

- A. Scatter plot
- B. Bar chart
- C. Histograms
- D. Spectrum

Options :

8995148180. 1

8995148181. 2

8995148182. 3

8995148183. 4

Question Number : 7 Question Id : 8995142056 Question Type : MCQ Option Shuffling : No Display Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Pick the incorrect attribute of Big Data?

- A. Velocity
- B. Volume
- C. Version
- D. Veracity

Options :

8995148184. 1

9/16/2020

8995148185. 2

8995148186. 3

8995148187. 4

Question Number : 8 Question Id : 8995142057 Question Type : MCQ Option Shuffling : No Display Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The number of nodes in the input layer is 10 and the hidden layer is 5. The maximum number of connections from the input layer to the hidden layer are

- A) 50
- B) Less than 50
- C) More than 50
- D) It is an arbitrary value

Options :

8995148188. 1

8995148189. 2

8995148190. 3

8995148191. 4

Question Number : 9 Question Id : 8995142058 Question Type : MCQ Option Shuffling : No Display Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

9/16/2020

The smart Grid sensing and control infrastructure is comprised of,

- A. DG, Combined heat and power (CHP) , PHEVs, PV cells and WT
- B. Sensors, intelligent electronic devices (IEDs) and smart meters
- C. μ wave, IR, PLCC, GSM and CDMA
- D. High-end servers, middleware and data-storage unit

Options :

- 8995148192. 1
- 8995148193. 2
- 8995148194. 3
- 8995148195. 4

Question Number : 10 Question Id : 8995142059 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If a smart meter provides 15 minutes interval data, how many record you will get in week?

- A. 96 reads
- B. 672 reads
- C. 192 reads
- D. 48 reads

Options :

- 8995148196. 1
- 8995148197. 2
- 8995148198. 3
- 8995148199. 4

Question Number : 11 Question Id : 8995142060 Question Type : MCQ Option Shuffling : No Display Que
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9/16/2020

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

What is the sampling rate of Digital Fault Recorder (DFR)?

- A. 1600 Samples per second
- B. 4 Samples per second
- C. 6 Samples per second
- D. 240 Samples per second

Options :

- 8995148200. 1
- 8995148201. 2
- 8995148202. 3
- 8995148203. 4

Question Number : 12 Question Id : 8995142061 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

AMI means

- A. Automated Metering Instrument
- B. Alternate Metering Instrument
- C. Advanced Metering Infrastructure
- D. Advanced Metering Instrument

Options :

- 8995148204. 1
- 8995148205. 2
- 8995148206. 3
- 8995148207. 4

9/16/2020

Question Number : 13 Question Id : 8995142062 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Which statement is true about prediction problems?

- A. The output attribute must be categorical.
- B. The output attribute must be numeric.
- C. The resultant model is designed to determine future outcomes.
- D. The resultant model is designed to classify current behaviour.

Options :

- 8995148208. 1
- 8995148209. 2
- 8995148210. 3
- 8995148211. 4

Question Number : 14 Question Id : 8995142063 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Which of the following neural network training challenge can be solved using batch normalization?

- A) Overfitting
- B) Restrict activations to become too high or low
- C) Training is too slow
- D) Both B and C

Options :

- 8995148212. 1
- 8995148213. 2
- 8995148214. 3
- 8995148215. 4

Question Number : 15 Question Id : 8995142064 Question Type : MCQ Option Shuffling : No Display Que
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9/16/2020

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**Correct Marks : 1 Wrong Marks : 0**

You observe the following while fitting a linear regression to the data: As you increase the amount of training data, the test error decreases and the training error increases. The train error is quite low (almost what you expect it to), while the test error is much higher than the train error. What do you think is the main reason behind this behavior. Choose the most probable option.

- (A) High variance
- (B) High model bias
- (C) High estimation bias
- (D) None of the above

Options :

8995148216. 1

8995148217. 2

8995148218. 3

8995148219. 4

Question Number : 16 Question Id : 8995142065 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

Which of the following is correct way to import the Numpy module in your program

- A. import numpy
- B. import numpy as np
- C. from numpy import *
- D. All of the above

Options :

8995148220. 1

8995148221. 2

8995148222. 3

9/16/2020

8995148223. 4

Question Number : 17 Question Id : 8995142066 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

A stepped sine wave obtained from the constant dc input source is odd symmetry i
 $f(-t) = -f(t)$,

- A. a_0 and a_n are zero and the peak value of the output is resolved using b_n alone
- B. a_0 is zero and the peak value of the output is resolved using a_n and b_n
- C. a_n is zero and the peak value of the output is resolved using a_0 and b_n
- D. a_0 and b_n are zero and the peak value of the output is resolved using a_n alone

Options :

8995148224. 1

8995148225. 2

8995148226. 3

8995148227. 4

Question Number : 18 Question Id : 8995142067 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

Classification problems are distinguished from estimation problems in that

- A. classification problems require the output attribute to be numeric.
- B. classification problems require the output attribute to be categorical.
- C. classification problems do not allow an output attribute.
- D. classification problems are designed to predict future outcome.

Options :

9/16/2020

8995148228. 1

8995148229. 2

8995148230. 3

8995148231. 4

Question Number : 19 Question Id : 8995142068 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

Data used to optimize the parameter settings of a supervised learner model.

- A. training
- B. test
- C. verification
- D. validation

Options :

8995148232. 1

8995148233. 2

8995148234. 3

8995148235. 4

Question Number : 20 Question Id : 8995142069 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**Simple regression assumes a _____ relationship between the input attribute
output attribute.

- A. linear
- B. quadratic
- C. reciprocal
- D. inverse

Options :

9/16/2020

8995148236. 1

8995148237. 2

8995148238. 3

8995148239. 4

Question Number : 21 Question Id : 8995142070 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

For tuples and list which is correct?

A - List and tuples both are mutable.

B - List is mutable whereas tuples are immutable.

C - List and tuples both are immutable.

D - List is immutable whereas tuples are mutable.

Options :

8995148240. 1

8995148241. 2

8995148242. 3

8995148243. 4

Question Number : 22 Question Id : 8995142071 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

9/16/2020

What is output for: $2 * 2 ** 3$

A - 12

B - 64

C - 16

D - 36

Options :

8995148244. 1

8995148245. 2

8995148246. 3

8995148247. 4

Question Number : 23 Question Id : 8995142072 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which module is used in python to create plots ?

A - matplotlib

B - Canvas

C - Tkinter

D - Graphics

Options :

8995148248. 1

8995148249. 2

8995148250. 3

8995148251. 4

Question Number : 24 Question Id : 8995142073 Question Type : MCQ Option Shuffling : No Display Que

9/16/2020

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Which module is used in python to create 2D arrays ?

- A – array
- B – 2Darray
- C - NumPy
- D – array2D

Options :

- 8995148252. 1
- 8995148253. 2
- 8995148254. 3
- 8995148255. 4

Question Number : 25 Question Id : 8995142074 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Which of the following is a Python tuple?

- A) [1, 2, 3].
- B) (1, 2, 3)
- C) {1, 2, 3}
- D) {}

Options :

- 8995148256. 1
- 8995148257. 2
- 8995148258. 3
- 8995148259. 4

9/16/2020

Question Number : 26 Question Id : 8995142075 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Suppose $t = (1, 2, 4, 3)$, which of the following is incorrect?

- A) `print(t[3])`
- B) `t[3] = 45`
- C) `print(max(t))`
- D) `print(len(t))`

Options :

- 8995148260. 1
- 8995148261. 2
- 8995148262. 3
- 8995148263. 4

Question Number : 27 Question Id : 8995142076 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Which method can be used to replace parts of a string?

- A) `repl()`
- B) `replace/()`
- C) `switch()`
- D) `replaceString()`

Options :

- 8995148264. 1
- 8995148265. 2

9/16/2020

8995148266. 3

8995148267. 4

Question Number : 28 Question Id : 8995142077 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

What will be the output?

`t=(1,2,4,3)``>>>t[1:-1]`

A) (2, 4)

B) (1, 2, 4)

C) (1,2)

D) (2, 4, 3)

Options :

8995148268. 1

8995148269. 2

8995148270. 3

8995148271. 4

Question Number : 29 Question Id : 8995142078 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

9/16/2020

What will be the output?

```
d = {"john":40, "peter":45}
```

```
d["john"]
```

- A) 40
- B) 45
- C) "john"
- D) "peter"

Options :

8995148272. 1

8995148273. 2

8995148274. 3

8995148275. 4

Question Number : 30 Question Id : 8995142079 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Is Python case sensitive when dealing with identifiers?

- A) yes
- B) no
- C) machine dependent
- D) none of the mentioned

Options :

8995148276. 1

8995148277. 2

8995148278. 3

9/16/2020

8995148279. 4

Question Number : 31 Question Id : 8995142080 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

All keywords in Python are in

- A) lower case
- B) UPPER CASE
- C) Capitalized
- D) None of the mentioned

Options :

8995148280. 1

8995148281. 2

8995148282. 3

8995148283. 4

Question Number : 32 Question Id : 8995142081 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which statement is used to stop a loop?

- A) exit
- B) stop
- C) return
- D) break

Options :

9/16/2020

8995148284. 1

8995148285. 2

8995148286. 3

8995148287. 4

Question Number : 33 Question Id : 8995142082 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Suppose list1 is [4, 2, 2, 4, 5, 2, 1, 0], Which of the following is correct syntax for slicing operation ?

A) print(list1[0])

B) print(list1[:2])

C) print(list1[:-2])

D) all of the mentioned

Options :

8995148288. 1

8995148289. 2

8995148290. 3

8995148291. 4

Question Number : 34 Question Id : 8995142083 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

9/16/2020

Suppose list1 is [2, 33, 222, 14, 25], What is list1[: -1] ?

- A) [2, 33, 222, 14].
- B) Error
- C) 25
- D) [25, 14, 222, 33, 2].

Options :

- 8995148292. 1
- 8995148293. 2
- 8995148294. 3
- 8995148295. 4

Question Number : 35 Question Id : 8995142084 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In python which keyword is used to start function ?

- A) function
- B) try
- C) def
- D) import

Options :

- 8995148296. 1
- 8995148297. 2
- 8995148298. 3
- 8995148299. 4

Question Number : 36 Question Id : 8995142085 Question Type : MCQ Option Shuffling : No Display Que

9/16/2020

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Who created python ?

- A) Guido Van Rossum
- B) James Gosling
- C) Denis Ritchie
- D) Tom Cruise

Options :

- 8995148300. 1
- 8995148301. 2
- 8995148302. 3
- 8995148303. 4

Question Number : 37 Question Id : 8995142086 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

In python 3 what does // operator do ?

- A) Float division
- B) Integer division
- C) returns remainder
- D) same as a**b

Options :

- 8995148304. 1
- 8995148305. 2
- 8995148306. 3
- 8995148307. 4

9/16/2020

Question Number : 38 Question Id : 8995142087 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

What is the name of data type for character in python ?

- A) chr
- B) char
- C) character
- D) python do not have any data type for characters they are treated as string.

Options :

- 8995148308. 1
- 8995148309. 2
- 8995148310. 3
- 8995148311. 4

Question Number : 39 Question Id : 8995142088 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

9/16/2020

What is output of following code –

```
x = 2  
y = 10  
x *= y * x + 1
```

- A) 42
- B) 41
- C) 44
- D) 35

Options :

8995148312. 1
8995148313. 2
8995148314. 3
8995148315. 4

Question Number : 40 Question Id : 8995142089 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

How can we generate random numbers in python using methods?

- A - random.uniform()
- B - random.randint()
- C - random.random()
- D - All of the above

Options :

8995148316. 1
8995148317. 2

9/16/2020

8995148318. 3

8995148319. 4

Question Number : 41 Question Id : 8995142090 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is not a cloud stakeholder?

A) Cloud providers

B) Clients

C) End users

D) Cloud users

Options :

8995148320. 1

8995148321. 2

8995148322. 3

8995148323. 4

Question Number : 42 Question Id : 8995142091 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

9/16/2020

In this type of cloud, an organization rents cloud services from cloud providers demand basis.

- A) Private
- B) Public
- C) Protected
- D) Hybrid

Options :

- 8995148324. 1
- 8995148325. 2
- 8995148326. 3
- 8995148327. 4

Question Number : 43 Question Id : 8995142092 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Most of the cloud architectures are built on this type of architecture.

- A) skeleton
- B) grid
- C) linear
- D) template

Options :

- 8995148328. 1
- 8995148329. 2
- 8995148330. 3

9/16/2020

8995148331. 4

Question Number : 44 Question Id : 8995142093 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Fog computing can be perceived in _____ and _____

- A) Big data and Cloud systems
- B) Big data and IoT
- C) Cloud systems and IoT
- D) Big data, Cloud systems and IoT

Options :

8995148332. 1

8995148333. 2

8995148334. 3

8995148335. 4

Question Number : 45 Question Id : 8995142094 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

9/16/2020

_____ practice of using a network of remote servers hosted on the Internet to store.

- A) Mist Computing
- B) Fog computing
- C) Cloud computing
- D) Mobile cloud computing

Options :

8995148336. 1
8995148337. 2
8995148338. 3
8995148339. 4

Question Number : 46 Question Id : 8995142095 Question Type : MCQ Option Shuffling : No Display Question :
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

What issue is common in many Fog computing challenges?

- A) Bandwidth
- B) Latency
- C) Network security
- D) Network traffic

Options :

8995148340. 1
8995148341. 2
8995148342. 3

9/16/2020

8995148343. 4

Question Number : 47 Question Id : 8995142096 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

Choose the correct answer for “Hop” requirement between cloud and fog.

- A. Multiple Hops in cloud and One hop in fog
- B. One hop in cloud and Multiple hop in fog
- C. Both (a) and (b)
- D. None

Options :

8995148344. 1

8995148345. 2

8995148346. 3

8995148347. 4

Question Number : 48 Question Id : 8995142097 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

Which of the following is not a characteristic of Fog computing?

- A. Fog-device collaboration
- B. Distributed data management
- C. Distributed queries
- D. Multi-tenancy

Options :

8995148348. 1

8995148349. 2

8995148350. 3

9/16/2020

8995148351. 4

Question Number : 49 Question Id : 8995142098 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Fog computing offers quick response times and support for large data amounts.

- A. True
- B. False

Options :

8995148352. 1

8995148353. 2

Question Number : 50 Question Id : 8995142099 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What are the benefits of Fog computing security?

- A) Fog computing security only benefits IoT
- B) Fog computing only secures data about Fogs, including mountain Fogs
table Fogs
- C) Fog computing security can respond in real time and host behavioral th
analytics
- D) Fog computing cannot be secure

Options :

8995148354. 1

8995148355. 2

8995148356. 3

9/16/2020

8995148357. 4

Question Number : 51 Question Id : 8995142100 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

Which of the following are the functions of Smart Meter?

- A. Demand based tariff
- B. Power quality measure
- C. Remote controlling
- D. All of the above

Options :

8995148358. 1

8995148359. 2

8995148360. 3

8995148361. 4

Question Number : 52 Question Id : 8995142101 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

What is the role of Bigdata in smart grid architecture of IoT?

- A) Store data
- B) Manage data
- C) Collect data
- D) Security

Options :

8995148362. 1

9/16/2020

8995148363. 2

8995148364. 3

8995148365. 4

Question Number : 53 Question Id : 8995142102 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

IoT security management includes _____

- A) Protocol abstraction
- B) Simple and fast installation
- C) Security with hardware
- D) Data storage

Options :

8995148366. 1

8995148367. 2

8995148368. 3

8995148369. 4

Question Number : 54 Question Id : 8995142103 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

9/16/2020

What is the example for smart grid edge device for utility?

- A) Smart Meters
- B) Smart Home
- C) Smart Car
- D) Smart Collage

Options :

- 8995148370. 1
- 8995148371. 2
- 8995148372. 3
- 8995148373. 4

Question Number : 55 Question Id : 8995142104 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which requires Edge analytics?

- A) Bigdata
- B) IoT
- C) Bigdata & IoT
- D) Device data

Options :

- 8995148374. 1
- 8995148375. 2
- 8995148376. 3
- 8995148377. 4

9/16/2020

Question Number : 56 Question Id : 8995142105 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Which among these is related to the critical clearing time of a fault in a power system?

- A. Transient stability limit
- B. Steady state stability limit
- C. Frequency limit
- D. Voltage limit

Options :

- 8995148378. 1
- 8995148379. 2
- 8995148380. 3
- 8995148381. 4

Question Number : 57 Question Id : 8995142106 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Phasor Measurement Unit is used in

- A. Local Area Monitoring
- B. Wide Area Monitoring
- C. Both Local and Wide Area Monitoring
- D. Weather Monitoring

Options :

- 8995148382. 1
- 8995148383. 2
- 8995148384. 3

9/16/2020

8995148385. 4

Question Number : 58 Question Id : 8995142107 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0****PMU uses which of the following phasor estimation technique**

- A. Full DFT
- B. Half DFT
- C. Recursive DFT
- D. Cosine DFT

Options :

8995148386. 1

8995148387. 2

8995148388. 3

8995148389. 4

Question Number : 59 Question Id : 8995142108 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0****PMU provides which of the following information**

- A. Voltage Magnitude
- B. Phase Angle
- C. Voltage and Phase Information
- D. Voltage Magnitude, Phase Angle and Frequency

Options :

9/16/2020

8995148390. 1

8995148391. 2

8995148392. 3

8995148393. 4

Question Number : 60 Question Id : 8995142109 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Time Synchronization information is provided with the help of

A. GPS Satellites

B. GPRS

C. WiFi

D. Zigbee

Options :

8995148394. 1

8995148395. 2

8995148396. 3

8995148397. 4

Question Number : 61 Question Id : 8995142110 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

9/16/2020

In order to provide correct time syhchronization information, the antenna must sync with atleast how many GPS Satellites?

- A. 2
- B. 3
- C. 4
- D. 5

Options :

- 8995148398. 1
- 8995148399. 2
- 8995148400. 3
- 8995148401. 4

Question Number : 62 Question Id : 8995142111 Question Type : MCQ Option Shuffling : No Display Question :
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Which of the following will be true about k in k-NN in terms of Bias?

- A) When you increase the k the bias will be increases
- B) When you decrease the k the bias will be increases
- C) Can't say
- D) None of these

Options :

- 8995148402. 1
- 8995148403. 2
- 8995148404. 3
- 8995148405. 4

Question Number : 63 Question Id : 8995142112 Question Type : MCQ Option Shuffling : No Display Question :
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
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9/16/2020

Correct Marks : 1 Wrong Marks : 0

The SVM's are less effective when:

- A) The data is linearly separable
- B) The data is clean and ready to use
- C) The data is noisy and contains overlapping points
- D) The data is not available

Options :

- 8995148406. 1
- 8995148407. 2
- 8995148408. 3
- 8995148409. 4

Question Number : 64 Question Id : 8995142113 Question Type : MCQ Option Shuffling : No Display Question :
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What would happen in SVM when you use very small C ($C \sim 0$)?

- A) Misclassification would happen
- B) Data will be correctly classified
- C) Can't say
- D) None of these

Options :

- 8995148410. 1
- 8995148411. 2
- 8995148412. 3
- 8995148413. 4

Question Number : 65 Question Id : 8995142114 Question Type : MCQ Option Shuffling : No Display Question :
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

9/16/2020

Which of the following statement is true about k-NN algorithm?

1. k-NN performs much better if all of the data have the same scale
 2. k-NN works well with a small number of input variables (p), but struggles when the number of inputs is very large
 3. k-NN makes no assumptions about the functional form of the problem being solved
- A) 1 and 2
B) 1 and 3
C) Only 1
D) All of the above

Options :

8995148414. 1
8995148415. 2
8995148416. 3
8995148417. 4

Question Number : 66 Question Id : 8995142115 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following option is true about k-NN algorithm?

- A) It can be used for classification
B) It can be used for regression
C) It can be used in both classification and regression
D) It can be neither used in classification nor regression

Options :

8995148418. 1
8995148419. 2
8995148420. 3
8995148421. 4

9/16/2020

Question Number : 67 Question Id : 8995142116 Question Type : MCQ Option Shuffling : No Display Question : Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

What would be the time taken by 1-NN if there are N(Very large) observations in data?

- A) $N \cdot D$
- B) $N \cdot D \cdot 2$
- C) $(N \cdot D) / 2$
- D) None of these

Options :

- 8995148422. 1
- 8995148423. 2
- 8995148424. 3
- 8995148425. 4

Question Number : 68 Question Id : 8995142117 Question Type : MCQ Option Shuffling : No Display Question : Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Which of the following will be Euclidean Distance between the two data point A(1,2) and B(2,3)?

- A) 1
- B) 2
- C) 4
- D) 8

Options :

- 8995148426. 1
- 8995148427. 2

9/16/2020

8995148428. 3

8995148429. 4

Question Number : 69 Question Id : 8995142118 Question Type : MCQ Option Shuffling : No Display Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

_____ refers to applications/services that run on a distributed network using virtualized resources.

- A. Distributed computing
- B. Cloud computing
- C. Soft computing
- D. Parallel computing

Options :

8995148430. 1

8995148431. 2

8995148432. 3

8995148433. 4

Question Number : 70 Question Id : 8995142119 Question Type : MCQ Option Shuffling : No Display Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Which of the following cloud concept is related to pooling and sharing of resources?

- A. Polymorphism
- B. Abstraction
- C. Virtualization
- D. Service Oriented Architecture

Options :

8995148434. 1

9/16/2020

8995148435. 2

8995148436. 3

8995148437. 4

Question Number : 71 Question Id : 8995142120 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The Cloud Platform of Amazon is _____?

A. Azure

B. AWS

C. Cloudera

D. OpenNebula

Options :

8995148438. 1

8995148439. 2

8995148440. 3

8995148441. 4

Question Number : 72 Question Id : 8995142121 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which service layer rely on the virtual machine technology to deliver servers?

A. CaaS

B. AaaS

C. PaaS

D. IaaS

Options :

8995148442. 1

8995148443. 2

9/16/2020

8995148444. 3

8995148445. 4

Question Number : 73 Question Id : 8995142122 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

How do you define a public cloud?

- A. A cloud formation that can be seen across the globe
- B. A cloud service that can only be accessed from a publicly shared computer
- C. A multi-tenant cloud environment accessed over the internet
- D. A cloud environment owned, operated and controlled by a public company

Options :

8995148446. 1

8995148447. 2

8995148448. 3

8995148449. 4

Question Number : 74 Question Id : 8995142123 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

Which of the following acronyms refers to a software distribution model in which cloud provider manages and hosts an app that users access via the internet?

- A. IaaS
- B. PaaS
- C. SaaS
- D. DaaS

Options :

8995148450. 1

8995148451. 2

8995148452. 3

9/16/2020

8995148453. 4

Question Number : 75 Question Id : 8995142124 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which Azure big data cloud service is used to perform real-time analytics, specifically for the internet of things (IoT)?

- A. Azure HDInsight
- B. Azure IoT Analytics
- C. Azure Real-time Insights
- D. Azure Stream Analytics

Options :

8995148454. 1

8995148455. 2

8995148456. 3

8995148457. 4

Question Number : 76 Question Id : 8995142125 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is Google's new big data service, which it has coined as a successor to MapReduce?

- A. Cloud Dataflow
- B. Kubernetes
- C. onMetal Cloud Big Data Platform
- D. DynamoDB

Options :

8995148458. 1

8995148459. 2

8995148460. 3

9/16/2020

8995148461. 4

Question Number : 77 Question Id : 8995142126 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Overfitting is more likely when you have huge amount of data to train?

A) TRUE

B) FALSE

Options :

8995148462. 1

8995148463. 2

Question Number : 78 Question Id : 8995142127 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is a good test dataset characteristic?

A. Large enough to yield meaningful results

B. Is representative of the dataset as a whole

C. Both A and B

D. None of the above

Options :

8995148464. 1

8995148465. 2

8995148466. 3

8995148467. 4

Question Number : 79 Question Id : 8995142128 Question Type : MCQ Option Shuffling : No Display Que

9/16/2020

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**Correct Marks : 1 Wrong Marks : 0**

Which of the following methods do we use to find the best fit line for data in Linear Regression?

- A) Least Square Error
- B) Maximum Likelihood
- C) Logarithmic Loss
- D) Both A and B

Options :

- 8995148468. 1
- 8995148469. 2
- 8995148470. 3
- 8995148471. 4

Question Number : 80 Question Id : 8995142129 Question Type : MCQ Option Shuffling : No Display Question**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

How do you handle missing or corrupted data in a dataset?

- A. Drop missing rows or columns
- B. Replace missing values with mean/median/mode
- C. Assign a unique category to missing values
- D. All of the above

Options :

- 8995148472. 1
- 8995148473. 2
- 8995148474. 3
- 8995148475. 4

Question Number : 81 Question Id : 8995142130 Question Type : MCQ Option Shuffling : No Display Question

9/16/2020

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**Correct Marks : 1 Wrong Marks : 0**

When performing regression or classification, which of the following is the correct way to preprocess the data?

- A. Normalize the data → PCA → training
- B. PCA → normalize PCA output → training
- C. Normalize the data → PCA → normalize PCA output → training
- D. None of the above

Options :

8995148476. 1

8995148477. 2

8995148478. 3

8995148479. 4

Question Number : 82 Question Id : 8995142131 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

The SVM's are less effective when:

- A) The data is linearly separable
- B) The data is clean and ready to use
- C) The data is noisy and contains overlapping points

Options :

8995148480. 1

8995148481. 2

8995148482. 3

Question Number : 83 Question Id : 8995142132 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

9/16/2020

Correct Marks : 1 Wrong Marks : 0

Suppose you have trained a logistic regression classifier and it outputs a new exam x with a prediction $h_0(x) = 0.2$. This means

- A. Our estimate for $P(y=1 \mid x)$
- B. Our estimate for $P(y=0 \mid x)$
- C. Our estimate for $P(y=1 \mid x)$
- D. Our estimate for $P(y=0 \mid x)$

Options :

- 8995148483. 1
- 8995148484. 2
- 8995148485. 3
- 8995148486. 4

Question Number : 84 Question Id : 8995142133 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

How can you prevent a clustering algorithm from getting stuck in bad local optima

- A. Set the same seed value for each run
- B. Use multiple random initializations
- C. Both A and B
- D. None of the above

Options :

- 8995148487. 1
- 8995148488. 2
- 8995148489. 3
- 8995148490. 4

Question Number : 85 Question Id : 8995142134 Question Type : MCQ Option Shuffling : No Display Que

9/16/2020

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Computers are best at learning

- A. facts.
- B. concepts.
- C. procedures.
- D. principles.

Options :

8995148491. 1

8995148492. 2

8995148493. 3

8995148494. 4

Question Number : 86 Question Id : 8995142135 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following machine learning algorithm can be used for imputing miss values of both categorical and continuous variables?

- A) K-NN
- B) Linear Regression
- C) Logistic Regression
- D) Self Organising Map

Options :

8995148495. 1

8995148496. 2

8995148497. 3

8995148498. 4

9/16/2020

Question Number : 87 Question Id : 8995142136 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

In which of the following cases will K-means clustering fail to give good results?

1) Data points with outliers 2) Data points with different densities 3) Data points nonconvex shapes

- A. 1 and 2
- B. 2 and 3
- C. 1, 2, and 3
- D. 1 and 3

Options :

8995148499. 1

8995148500. 2

8995148501. 3

8995148502. 4

Question Number : 88 Question Id : 8995142137 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

The minimum time complexity for training an SVM is $O(n^2)$. According to this fact, what sizes of datasets are not best suited for SVM's?

- A) Large datasets
- B) Small datasets
- C) Medium sized datasets
- D) Size does not matter

Options :

8995148503. 1

9/16/2020

8995148504. 2

8995148505. 3

8995148506. 4

Question Number : 89 Question Id : 8995142138 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is a widely used and effective machine learning algorithm based on the idea of bagging?

- A. Decision Tree
- B. Regression
- C. Classification
- D. Random Forest

Options :

8995148507. 1

8995148508. 2

8995148509. 3

8995148510. 4

Question Number : 90 Question Id : 8995142139 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following option is true about k-NN algorithm?

- A) It can be used for classification
- B) It can be used for regression
- C) It can be used in both classification and regression

Options :

8995148511. 1

9/16/2020

8995148512. 2

8995148513. 3

Question Number : 91 Question Id : 8995142140 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

What would be the time taken by 1-NN if there are N(Very large) observations in data?

A) $N \cdot D$ B) $N \cdot D \cdot 2$ C) $(N \cdot D) / 2$

D) None of these

Options :

8995148514. 1

8995148515. 2

8995148516. 3

8995148517. 4

Question Number : 92 Question Id : 8995142141 Question Type : MCQ Option Shuffling : No Display Que**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical****Correct Marks : 1 Wrong Marks : 0**

Support vectors are the data points that lie closest to the decision surface.

A) TRUE

B) FALSE

9/16/2020

Options :

8995148518. 1

8995148519. 2

Question Number : 93 Question Id : 8995142142 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What would happen in SVM when you use very small C ($C \sim 0$)?

A) Misclassification would happen

B) Data will be correctly classified

C) Can't say

D) None of these

Options :

8995148520. 1

8995148521. 2

8995148522. 3

8995148523. 4

Question Number : 94 Question Id : 8995142143 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

9/16/2020

Why should anyone care about edge computing?

- A. It can alleviate latency and network congestion issues
- B. Better than cloud computing
- C. Supports IoT
- D. Good Programming Support

Options :

- 8995148524. 1
- 8995148525. 2
- 8995148526. 3
- 8995148527. 4

Question Number : 95 Question Id : 8995142144 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

What technological advancement contributed to edge computing's popularity?

- A. IoT
- B. Cloud
- C. 5G
- D. 802.11ax or Wi-Fi 6

Options :

- 8995148528. 1
- 8995148529. 2
- 8995148530. 3
- 8995148531. 4

Question Number : 96 Question Id : 8995142145 Question Type : MCQ Option Shuffling : No Display Que
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

9/16/2020

The input image has been converted into a matrix of size 28 X 28 and a kernel/filter size 7 X 7 with a stride of 1. What will be the size of the convoluted matrix?

- A) 22 X 22
- B) 21 X 21
- C) 28 X 28
- D) 7 X 7

Options :

- 8995148532. 1
- 8995148533. 2
- 8995148534. 3
- 8995148535. 4

Question Number : 97 Question Id : 8995142146 Question Type : MCQ Option Shuffling : No Display Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 1 Wrong Marks : 0

In a simple MLP model with 8 neurons in the input layer, 5 neurons in the hidden layer and 1 neuron in the output layer. What is the size of the weight matrices between hidden output layer and input hidden layer?

- A) [1 X 5] , [5 X 8]
- B) [8 X 5] , [1 X 5]
- C) [8 X 5] , [5 X 1]
- D) [5 x 1] , [8 X 5]

Options :

- 8995148536. 1

9/16/2020

8995148537. 2

8995148538. 3

8995148539. 4

Question Number : 98 Question Id : 8995142147 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of following activation function can't be used at output layer to classify an image?

- A) sigmoid
- B) Tanh
- C) ReLU
- D) If($x > 5$, 1, 0)

Options :

8995148540. 1

8995148541. 2

8995148542. 3

8995148543. 4

Question Number : 99 Question Id : 8995142148 Question Type : MCQ Option Shuffling : No Display Que

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

9/16/2020

_____ is the feature of cloud computing that allows the service to change in size or volume in order to meet a user's needs.

- A. Scalability
- B. Virtualization
- C. Security
- D. Cost-savings

Options :

- 8995148544. 1
- 8995148545. 2
- 8995148546. 3
- 8995148547. 4

Question Number : 100 Question Id : 8995142149 Question Type : MCQ Option Shuffling : No Display Question : Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following service provider provides the least amount of built-in security?

- A. SaaS
- B. PaaS
- C. IaaS
- D. All of above

Options :

- 8995148548. 1
- 8995148549. 2
- 8995148550. 3
- 8995148551. 4