

1. Data dashboards are a part of

- A. Optimization
- B. Predictive analytics
- C. Descriptive analytics
- D. Prescriptive analytics

2. Forecasting the state of the weather for tomorrow as rainy or notRainy is part of....

- A. Prescriptive Analytics
- B. Diagnostic Analytics
- C. Descriptive Analytics
- D. Predictive Analytics

3.
Which of the data type definition for an insurance company which uses a single powerful 512 gigabyte RAM 48-core server for its analytics operations

- A. Small data
- B. Medium data
- C. <P>Medium data
- D. none

4.
Complete the conversation between the two students (Keanu Reeves and Carrie-Anne Moss) with the best answer:

K: I used to think correlation implied causation. Then I took a statistics class. Now I don't

CA: Sounds like the class helped K:

- A. Yeah, the professor is convincing
- B. Definitely, it helped
- C. Well, maybe
- D. Not really, I just changed my mind

5. How many of the below are valid data analytics fields? i. Financial ii. HR iii. Marketing iv. Healthcare v. Supply chain vi. Government vii. Non-profit viii. Sports ix. Gaming

- A. 7
- B. 6
- C. 8
- D. 9

6. Forecasting the weather temperature values uses

- A. Numerical target
- B. Categorical target
- C. Ordinal target
- D. Nominal target

7. Which of the below is not a measure of variability?

- A. range
- B. mode
- C. coefficient of variation
- D. standard deviation

8. If a distribution is exactly normal, the mean is equal to

- A. variation
- B. max
- C. median
- D. min

9. If $\text{var}(X) = 0$, then X is

- A. multi-valued
- B. two-valued
- C. zero
- D. constant

10. Which of the below is not a good example of skewness?

- A. House prices in Istanbul
- B. Height of adult males in Istanbul
- C. Car prices in the world
- D. Individual income in the world

11. What is the median of the following set of numbers? { 12, 8, 13, 4, 7, 6, 3, 3, 15 }

- A. 15
- B. 6
- C. 3
- D. 7