

PRACTICE SET 1

1. Which of the following would be more appropriate to be replaced with a question mark in the following figure?



- a) Data Analysis
- b) Data Science
- c) Descriptive Analytics
- d) None of the mentioned

Answer: b

Explanation: Data Science is multidisciplinary and involves extracting knowledge from large volumes of structured or unstructured data.

2. Point out the correct statement.

- a) Raw data is the original source of data
- b) Preprocessed data is the original source of data
- c) Raw data is the data obtained after processing steps
- d) None of the mentioned

Answer: a

Explanation: Accounting programs are prototypical examples of data processing applications

3. Which of the following is performed by a Data Scientist?

- a) Define the question
- b) Create reproducible code
- c) Challenge results
- d) All of the mentioned

Answer: d

Explanation: A data scientist is a job title for an employee or business intelligence (BI) consultant who excels at analyzing data, particularly large amounts of data.

4. Which of the following is the most important language for Data Science?

- a) Java
- b) Ruby
- c) R
- d) None of the mentioned

Answer: c

Explanation: R is free software for statistical computing and analysis.

5. Point out the wrong statement.

- a) Merging concerns combining datasets on the same observations to produce a result with more variables
- b) Data visualization is the organization of information according to preset specifications
- c) Subsetting can be used to select and exclude variables and observations
- d) All of the mentioned

Answer: b

Explanation: Data formatting is the organization of information according to preset specifications.



6. Which of the following approach should be used to ask the Data Analysis question?

- a) Find only one solution for a particular problem
- b) Find out the question which is to be answered
- c) Find out the answer from the dataset without asking the question
- d) None of the mentioned

Answer: b

Explanation: Data analysis has multiple facets and approaches.

7. Which of the following is one of the key data science skills?

- a) Statistics
- b) Machine Learning
- c) Data Visualization
- d) All of the mentioned

Answer: d


Explanation: Data visualization is the presentation of data in a pictorial or graphical format.

8. Which of the following is a key characteristic of a hacker?

- a) Afraid to say they don't know the answer
- b) Willing to find answers on their own
- c) Not Willing to find answers on their own
- d) All of the mentioned

Answer: b

Explanation: Hacker is an expert at programming and solving problems with a computer.



**END OF
PRACTICE SET
1**