1. Who amongst the following use data science to analyze complex taxation scenarios related to investment?

**SELECT THE CORRECT ANSWER**

Top of Form

Auditors

Tax accountants

Investment advisors

Defense personnel

Bottom of Form

Correct Option:B

1. Data analytics helps you analyze the data you have.

**SELECT THE CORRECT ANSWER**

Top of Form

FALSE

TRUE

Bottom of Form

Correct Option:B

1. Which of the following is NOT a key benefit of data analytics?

**SELECT THE CORRECT ANSWER**

Top of Form

Calculation of statistical metrics of data

Better and faster decision-making

Accurate product recommendations

Weather forecast for next seven days

Bottom of Form

Correct Option:B

1. In which of the following steps, should the team execute ELT?

**SELECT THE CORRECT ANSWER**

Top of Form

Discovery

Data preparation

Model planning

Model building

Bottom of Form

Correct Option:B

1. Which of the following uniquely defines a bell curve?

**SELECT THE CORRECT ANSWER**

Top of Form

Mean and standard deviation

Mean, median, and mode

Variance and correlation

Interquartile range

Bottom of Form

Correct Option:A

1. Which of following types of data do employee details and job positions fall under?

**SELECT THE CORRECT ANSWER**

Top of Form

Semi-structured Data

Unstructured Data

To-be Structured Data

Structured Data

Bottom of Form

Correct Option:D

1. Which of the following descriptions refers to a sample size?

**SELECT THE CORRECT ANSWER**

Top of Form

A single row or record from the database corresponding to a single event or data captured at a given point in time

Total data captured about a particular use case

Prediction of one or next few values of a continuous variable

A randomly selected observation

Bottom of Form

Correct Option:D

1. Which visualization type measures the relation between multiple variables and shows the strength of relation with colors?

**SELECT THE CORRECT ANSWER**

Top of Form

Box plot

Bar chart

Heat map

Frequency distribution plot

Bottom of Form

Correct Option:C

1. Which of the following is an example of data visualization?

**SELECT THE CORRECT ANSWER**

Top of Form

Ordinal measurement that depicts an ordered relationship among a variable’s observations

Nominal numbers in the variable that are used only to classify data

Statistical variance that gives a measure of how data distributes itself about the mean or expected value

A table representing random data collected to explain the total sale of products in the corresponding year

Bottom of Form

Correct Option:D

1. Which of the following data visualization tools enables complex and sophisticated visualizations, thanks to its integration with analytics-oriented programming languages, such as Python, R, and MATLAB?

**SELECT THE CORRECT ANSWER**

Top of Form

Plotly

Tableau

Sisense

Datawrapper

Bottom of Form

Correct Option:A

1. Which of these are a part of data science? (Select all that apply)

**SELECT THE CORRECT ANSWER**

Top of Form

Data Pipelining

Data Exploration

Machine Learning

Data Storage

Bottom of Form

Correct Option:B, C

1. Which of the following is useful for forecasting sales?

**SELECT THE CORRECT ANSWER**

Top of Form

Trend chart

Frequency distribution plot

Heat map

None of the above

Bottom of Form

Correct Option:A

1. Which of the following best describes machine learning?

**SELECT THE CORRECT ANSWER**

Top of Form

Data sets that draw conclusions about the information they contain

Algorithms that enable software and programs learn from past experiences and thus make their predictions more accurate

Concept used to tackle big data by data cleansing, preparation, and analysis

Data that helps forecast the future based on past patterns

Bottom of Form

Correct Option:B

1. Which of the following companies has used data science to automate risk credit management?

**SELECT THE CORRECT ANSWER**

Top of Form

Google

Facebook

Amazon

Alibaba

Bottom of Form

Correct Option:D

1. Why is model evaluation necessary?

**SELECT THE CORRECT ANSWER**

Top of Form

To compare, if you have proved your hypothesis

To identify the correct deployment environment

To select modeling techniques

To deploy the model

Bottom of Form

Correct Option:A

1. What is the objective of business understanding?

**SELECT THE CORRECT ANSWER**

Top of Form

Identifying data sources and their types

Estimating proposed model with respect to current user base

Estimating cost of development

All of the above

Bottom of Form

Correct Option:D

1. Requirements gethering and data collection is the first stage of any project

**SELECT THE CORRECT ANSWER**

Top of Form

FALSE

TRUE

Bottom of Form

Correct Option:A

1. Which of these trends in analytics is a part of cyber security?

**SELECT THE CORRECT ANSWER**

Top of Form

Cognitive Computing

Graph Analytics

Augmented Reality

Open Source AI

Bottom of Form

Correct Option:A

1. Which of these phases in the customer analytics framework involves predictive and prescriptive analytics?

**SELECT THE CORRECT ANSWER**

Top of Form

Data Preparation

Data Understanding

Modeling

Model monitoring

Bottom of Form

Correct Option:C

1. Which of these trends in data analytics analyzes, codifies, and visualizes links that exist between databases or devices in a network?

**SELECT THE CORRECT ANSWER**

Top of Form

Cognitive Computing

Open Source AI

Automated Machine Learning

Graph Analytics

Bottom of Form

Correct Option:D

Bottom of Form