

1.

Which of the following are parts of the 5 P's of data science and what is the additional P introduced in the slides?

0.9 / 1 point
- ☒ People

✔ Correct

See [this video](#) [🔗](#) to review.

☒ Programmability

✔ Correct

See [this video](#) [🔗](#) to review.

☒ Purpose

✔ Correct

See [this video](#) [🔗](#) to review.

☐ Perception

☒ Platforms

✔ Correct

See [this video](#) [🔗](#) to review.

☐ Product

☒ Process

✔ Correct

See [this video](#) [🔗](#) to review.

You didn't select all the correct answers

2.

Which of the following are part of the four main categories to acquire, access, and retrieve data?

1 / 1 point

☐ Web Services

☒ Text Files

✔ Correct

See [this video](#) [🔗](#) to review.

☒ Traditional Databases

✔ Correct

See [this video](#) [🔗](#) to review.

☒ NoSQL Storage

✔ Correct

See [this video](#) [🔗](#) to review.

☒ Remote Data

✔ Correct

See [this video](#) [🔗](#) to review.

3.

What are the steps required for data analysis?

1 / 1 point

☐ Classification, Regression, Analysis

☐ Regression, Evaluate, Classification

☐ Investigate, Build Model, Evaluate

☒ Select Technique, Build Model, Evaluate

✔ Correct

See [this video](#) [🔗](#) to review.

4.

Of the following, which is a technique mentioned in the videos for building a model?

1 / 1 point

☐ Evaluation

☐ Validation

☐ Investigation

☒ Analysis

✔ Correct

See [this video](#) [🔗](#) to review.

5.

What is the first step in finding a right problem to tackle in data science?

1 / 1 point

☐ Define Goals

☐ Assess the Situation

☒ Define the Problem

☐ Ask the Right Questions

✔ Correct

See [this video](#) [🔗](#) to review.

6.

What is the first step in determining a big data strategy?

1 / 1 point

☐ Collect Data

☐ Build In-House Expertise

☐ Organizational Buy-In

☒ Business Objectives

✔ Correct

See [this video](#) [🔗](#) to review.

7.

According to Ilkay, why is exploring data crucial to better modeling?

1 / 1 point

Data exploration... <complete the sentence>

☐ enables understanding of general trends, correlations, and outliers.

☒ leads to data understanding which allows an informed analysis of the data.

☐ enables a description of data which allows visualization.

☐ enables histograms and others graphs as data visualization.

✔ Correct

See [this video](#) [🔗](#) to review.

8.

Why is data science mainly about teamwork?

1 / 1 point

☐ Exhibition of curiosity is required.

☐ Engineering solutions are preferred.

☒ Data science requires a variety of expertise in different fields.

☐ Analytic solutions are required.

✔ Correct

See [this video](#) [🔗](#) to review.

9.

What are the ways to address data quality issues?

1 / 1 point

☒ Generate best estimates for invalid values.

✔ Correct

See [this video](#) [🔗](#) to review.

☒ Remove outliers.

✔ Correct

See [this video](#) [🔗](#) to review.

☐ Data Wrangling

☒ Merge duplicate records.

✔ Correct

See [this video](#) [🔗](#) to review.

☒ Remove data with missing values.

✔ Correct

See [this video](#) [🔗](#) to review.

10.

What is done to the data in the preparation stage?

1 / 1 point

☒ Cleaning, Integrating, and Packaging

☐ Retrieve Data

☐ Identify Data Sets and Query Data

☐ Select Analytical Techniques

☐ Build Models

✔ Correct

See [this video](#) [🔗](#) to review.