Question 1

Who is the intended audience of your data project portfolio?

- your family
- social media friends
- ✓ prospective employers
- fellow students
- your teacher

Question 2

Which option should be considered when developing a data project portfolio?

- ✓ it should be organized and easy to navigate
- it should list all your school academic qualifications
- it should contain references to all research that you have performed
- it should contain multiple screenshots of every data project you have completed

Question 3

Which two programming languages are most useful for data analysis? (Choose two.)

- ✓ R
- ✓ Python
- C
- C++
- Java

Question 4

Why is the Python programming language increasingly integral to data science?

- ✓ the availability of many libraries to perform data related tasks
- the ease of compiling and building executable data applications
- by default it contains all the code elements to perform complex data analysis
- it was developed in the 21st century for 21st century data requirements

Question 5

Which Python code library is commonly used when developing a program to provide complex data visualization?

- NumPy
- Pandas
- ✓ Matplotlib
- Scikit-learn

Question 6

What is a feature of Jupyter Notebooks?

- ✓ It provides a way to run code interactively within a web browser.
- It compiles Python code as it is entered.
- Notebook output is displayed as a static image.
- It requires extensive programming experience to use.

Question 7

What is a feature of project portfolios that prospective employers consider to be important when recruiting potential data analysts?

- ✓ each portfolio clearly and uniquely presents the data projects for the potential data analyst
- all portfolios follow the same structure and format to make task of examining each portfolio easier
- the resume of the candidate is clearly presented on the first screen
- the use of only one type of media, either static graphics or videos or dashboards, not a combination

Question 8

What is a limitation of using spreadsheets in analysing data?

- ✓ Changing how the data is displayed in a spreadsheet may also manipulate the data.
- Spreadsheets are complex to learn how to use.
- Spreadsheets are not common in organizations.
- Unlimited dataset size makes spreadsheets complex to use.

Question 9

What is the best way to store and manage a dataset that consists of two million records?

- ✓ a relational database
- a spreadsheet
- a Python data analysis program
- a single flat database