Question 1
Which Data Science category enables you to present data in the form of charts, plots, and maps? 1 / 1 point
Data Integration and Transformation
Data Visualization
Model Building
Data Management

Correct
Correct! Data visualization is the graphical representation of data and information. You can use visualization to represent data in charts, plots, maps, animations, and so forth.

Question 2
Which Data Science category uses tools like Fiddler to track the performance of deployed models in a production environment? 1 / 1 point
Data Integration and Transformation
Model Monitoring
Data Visualization

Correct
Correct. Model monitoring uses tools like Fiddler to track the performance of deployed models in a production environment.

Question 3
Which Data Science category enables you to train the data and analyze patterns using suitable machine learning algorithms? 1 / 1 point
Model Building
Data Visualization
Model Deployment
Model Monitoring and Assessment

Correct
Correct. Model building is the step where you train the data and analyze patterns with machine learning algorithms.

Question 4
Which of the following is a good example of code asset management? 1 / 1 point
Apache Spark
Jupyter Notebook
Watson Studio
GitHub

Correct
Correct. GitHub is a good example of code asset management.

Question 5
What is the purpose of using Apache airflow? 1 / 1 point
Model Deployment
Data Visualization
Data Integration and Transformation
Data Management

Correct
Correct. The most widely used open-source data integration and transformation tools are the following: Apache AirFlow, which Airbnb originally created.

Question 6
Which of the following statement is incorrect? 1 / 1 point
Jupyter Notebooks unifies documentation, code, output from the code, shell commands, and visualizations in a single document
Jupyter Notebook is not an open source tool.
Jupyter supports more than a hundred different programming languages through "kernels."
JupyterLab is the next version of Jupyter Notebooks, and in the long-term will replace Jupyter Notebooks

Correct
Correct. Review the Open Source Tools for Data Science - Part 2 video.

Question 7
Which plot is used to plot a series of data points over time? 1 / 1 point
Tree Map
Bar Chart
Map Chart
Line Chart

Correct
Correct. Various forms of data visualizations include a bar chart, which compares the size of each component, a treemap, which displays hierarchy data, a line chart, which plots a series of data points over time, and a map chart, which displays data by location.

Question 8
Which of the following is the other name for Data Asset Management? 1 / 1 point
Data Currency
Data Lakes
Data governance
Data Store

Correct
Correct. Data asset management is also known as data governance or data lineage.

Question 9
What does model deployment use to enable data-based decisions? 1 / 1 point
Web Applications
Gitlab
APIs
Packages

Correct
Correct. Model deployment uses APIs to enable data-based decisions.