

1. Which Data Science category enables you to present data in the form of charts, plots, and maps?

1 / 1 point

- ☒ Data Visualization
- ☐ Data Management
- ☐ Model Building
- ☐ Data Integration and Transformation

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.

2. Which Data Science category uses tools like Fiddler to track the performance of deployed models in a production environment?

1 / 1 point

- ☐ Data Visualization
- ☒ Model Monitoring
- ☐ Data Integration and Transformation

Correct

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

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 Monitoring and Assessment
- ☐ Model Deployment

Correct

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

4. Which of the following is a good example of code asset management?

1 / 1 point

- ☒ GitHub
- ☐ Apache Spark
- ☐ Jupyter Notebook
- ☐ Watson Studio

Correct

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

5. What is the purpose of using Apache airflow?

1 / 1 point

- ☐ Data Visualization
- ☐ Model Deployment
- ☒ 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.

6. Which of the following statement is incorrect?

1 / 1 point

- ☒ Jupyter Notebook is not an open source tool.
- ☐ Jupyter supports more than a hundred different programming languages through “kernels.”
- ☐ Jupyter Notebooks unifies documentation, code, output from the code, shell commands, and visualizations in a single document
- ☐ 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.

7. Which plot is used to plot a series of data points over time?

1 / 1 point

- ☐ Tree Map
- ☐ Map Chart
- ☐ Bar 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.

8. Which of the following is the other name for Data Asset Management?

1 / 1 point

- ☐ Data Currency
- ☐ Data Lakes
- ☐ Data Store
- ☒ Data governance

Correct

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

9. What does model deployment use to enable data-based decisions?

1 / 1 point

- ☐ Packages
- ☐ Web Applications
- ☐ Gitlab
- ☒ APIs

Correct

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

10. Which of the following tool is a part of the IBM Watson Studio?

1 / 1 point

- ☐ DataMeer
- ☐ Cloudant
- ☒ Data Refinery
- ☐ Informatica

Correct

Correct. Data Refinery is part of IBM Watson Studio.