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## Graded Quiz

Latest Submission Grade 100%

1. Which are the three most used languages for data science? (Select all that apply.)

1 / 1 point

☒ R

✔ Correct

☒ SQL

✔ Correct

☐ Scala

☐ Java

☒ Python

✔ Correct

2. Is it possible to use machine learning within a web browser with Javascript?

1 / 1 point

☒ Yes

☐ No

✔ Correct

3. Comma Separated Values (CSV) is a commonly used format to store:

1 / 1 point

☐ Hierarchical or network data

☒ Tabular data

☐ All of the above

✔ Correct

☐ Hierarchical or network data

☒ Tabular data

☐ All of the above

✓ Correct

4. Classification models can be used to determine whether:

1 / 1 point

☐ An email is likely spam.

☐ A video contains a specific sound.

☐ An image contains a dog.

☒ All of the above.

✓ Correct

5. Fill in the blank: \_\_\_\_\_ is the heart of every organization.

1 / 1 point

☐ The cloud

☐ Open source

☐ Integration

☒ Data

✓ Correct

6. What does the "BI" in BI Tools stand for?

1 / 1 point

☒ Business Intelligence

☐ Build Integration

☐ Business Integration

☐ Build Information

✓ Correct

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## Graded Quiz

Latest Submission Grade 100%

1. What tool do most Python developers use?

1 / 1 point

☒ Jupyter Notebooks / JupyterLab

☐ RStudio

✔ Correct

2. True or false? Jupyter Notebooks / JupyterLab support development in R.

1 / 1 point

☒ True

☐ False

✔ Correct

3. Which tool unifies documentation, source code and data visualizations into a single document?

1 / 1 point

☐ VSCode

☐ Notepad

☒ Jupyter Notebooks / JupyterLab

✔ Correct

4. Which command is used to install packages in R?

1 / 1 point

☐ `install.package("package name")`

☒ `install.packages("package name")`

☐ `install("package name")`

☐ `package("package name")`

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✓ Correct

3. Which tool unifies documentation, source code and data visualizations into a single document?

1 / 1 point

- ☐ VSCode
- ☐ Notepad
- ☒ Jupyter Notebooks / JupyterLab

✓ Correct

4. Which command is used to install packages in R?

1 / 1 point

- ☐ `install.package("package name")`
- ☒ `install.packages("package name")`
- ☐ `install("package name")`
- ☐ `package("package name")`

✓ Correct

5. True or False: The Jupyter Notebook kernel must be installed on a local server.

1 / 1 point

- ☐ True
- ☒ False

✓ Correct

6. True or false? RStudio supports development in Python.

1 / 1 point

- ☒ True
- ☐ False

✓ Correct

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## Graded Quiz

Latest Submission Grade **100%**

1. Data Refinery provides which of the following services?

1 / 1 point

- ☐ Catalog the data assets.
- ☐ Monitor for bias and model drift.
- ☒ Visualize and prepare data.
- ☐ Automatically build models.
- ☐ All of the above.

✔ Correct

2. IBM SPSS Modeler includes what kind of models?

1 / 1 point

- ☐ Classification models (for data with a categorical target).
- ☐ Regression models (for data with a continuous target).
- ☐ Clustering models (for data with no target variables).
- ☐ Other kinds of models.
- ☒ All of the above.

✔ Correct

3. Open Neural Network eXchange (ONNX) was originally created for what models?

1 / 1 point

- ☐ Support Vector Machines (SVM).
- ☒ Deep learning models.
- ☐ Clustering models
- ☐ Regression models

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✓ Correct

3. Which tool unifies documentation, source code and data visualizations into a single document?

1 / 1 point

- ☐ VSCode
- ☐ Notepad
- ☒ Jupyter Notebooks / JupyterLab

✓ Correct

4. Which command is used to install packages in R?

1 / 1 point

- ☐ `install.package("package name")`
- ☒ `install.packages("package name")`
- ☐ `install("package name")`
- ☐ `package("package name")`

✓ Correct

5. True or False: The Jupyter Notebook kernel must be installed on a local server.

1 / 1 point

- ☐ True
- ☒ False

✓ Correct

6. True or false? RStudio supports development in Python.

1 / 1 point

- ☒ True
- ☐ False

✓ Correct

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## Final Exam

Latest Submission Grade **100%**

1. SQL is what type of database management system?

1 / 1 point

- ☐ Object-oriented
- ☐ Network
- ☐ Hierarchical
- ☒ Relational

✔ **Correct**

2. PyTorch is what type of Python library?

1 / 1 point

- ☐ Linear algebra
- ☐ Data visualization
- ☐ HTTP
- ☒ Machine learning

✔ **Correct**

3. Generally speaking, which type of model is used to predict a numerical value, such as the potential sales price of a used car?

1 / 1 point

- ☐ Clustering model
- ☒ Regression model
- ☐ Classification model

✔ **Correct**

4. What is Data Asset Management also known as?

1 / 1 point

used car:

- ☐ Clustering model
- ☒ Regression model
- ☐ Classification model

 **Correct**

4. What is Data Asset Management also known as?

1 / 1 point

- ☐ Perimeter security
- ☒ Data governance
- ☐ Data stewardship
- ☐ Data strategy

 **Correct**

5. When learning data science what open source tools are the most used?

1 / 1 point

- ☐ Spyder
- ☒ Jupyter Notebooks / JupyterLab

 **Correct**

- ☐ VSCode
- ☒ RStudio

 **Correct**

- ☐ Notepad

6. RStudio is the tool most R developers use.

1 / 1 point

- ☒ Yes
- ☐ No

 **Correct**

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 Correct

7. Which of the following functions does RStudio provide?

1 / 1 point

- ☐ Creating relationships between data tables.
- ☒ Editing and execution of R code.
- ☐ Documenting R code applications.
- ☐ Storing data in tables.

 Correct

8. What type of file format is a Jupyter Notebook?

1 / 1 point

- ☒ .ipynb
- ☐ .xlsx
- ☐ .doc
- ☐ .ppt

 Correct

9. Which feature in Watson Studio helps to keep track of and discover relevant Machine Learning assets?

1 / 1 point


- ☐ All of the above
- ☐ Modeler Flows
- ☒ Watson Knowledge Catalog
- ☐ AutoAI
- ☐ OpenScale

 Correct


10. What process can help a Data Refinery build a repeatable Data Pipeline?

1 / 1 point

- ☒ Create a scheduled job on different workloads

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☐ OpenScale **Correct**

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10. What process can help a Data Refinery build a repeatable Data Pipeline?

1 / 1 point

- ☒ Create a scheduled job on different workloads
- ☐ Manually create jobs
- ☐ Manually write APIs
- ☐ Create a fixed workload

 **Correct**

11. What type of node is used to define metadata for features in Modeler flows?

1 / 1 point

- ☒ A type node
- ☐ A modeling node
- ☐ A data source node
- ☐ An output node
- ☐ All of the above

 **Correct**

12. What Modeler flow includes data management capabilities and visualization?

1 / 1 point

- ☐ Graphical user interface
- ☒ SPSS Modeler streams
- ☐ All of the above
- ☐ SPSS syntax
- ☐ Charts

 **Correct**