

✔ **Congratulations! You passed!**

Grade received **100%** To pass 60% or higher

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1. What functionality is provided by the Jupyter Notebook file to Data Scientists?

1 / 1 point

- ☐ Allows to code in only one language
- ☐ Does not allow to share the file in any format
- ☐ Runs the code and generates the output in a separate file
- ☒ Allows to combine descriptive text, code blocks, and code output in a single file



Correct! A Jupyter Notebook file allows Data Scientists to combine descriptive text, code blocks, and code output in a single file.

2. What is the purpose of the kernel in the Jupyter Notebook?

1 / 1 point

- ☐ Exports the code to a different file
- ☐ Translates the code to a different language
- ☐ Writes the code
- ☒ Executes the code



Correct! A notebook kernel is a computational engine that executes the code contained in a Notebook file.

3. What are the elements of Jupyter's architecture?

1 / 1 point

- ☐ Server and client
- ☒ Kernel and client
- ☐ Two kernels and a server
- ☐ Two clients and a server



Correct! Jupyter implements a two-process model with a kernel and a client.

4. What is the default kernel of JupyterLite?

1 / 1 point

- ☐ Julia
- ☒ Pyolite
- ☐ SQLite
- ☐ No kernel



Correct! The default kernel for JupyterLite is Pyolite.

5. What is the purpose of Anaconda?

1 / 1 point

- ☐ Allows to install packages using a command line interface only
- ☒ Allows to install new packages without using a command line interface
- ☐ Allows creating interactive visualizations
- ☐ Allows execution of code written in any language



Correct! The downloadable Anaconda Navigator graphical user interface allows users to install new packages on their local device without using a command line interface.