**1.**

Question 1

Is debugging in ML different from debugging in software engineering?

**1 / 1 point**



Yes, debugging in ML is fundamentally different from debugging in software engineering.



No, debugging in ML and software engineering aim for the same goals.

**Correct**

Absolutely! ML debugging is often about a model not converging or not generalizing instead of some functional error like a segfault.

**2.**

Question 2

Which of the following tools allow you to track experiments with notebooks? (Select all that apply)

**1 / 1 point**



Nbdime

**Correct**

Keep it up! This tool enables diffing and merging of Jupyter Notebooks.



Nbconvert

**Correct**

Great job! Nbconvert can be used to extract just the Python from a notebook.



Jupytext

**Correct**

You’ve figured it out! Jupytext converts and synchronizes pairs of notebooks with a matching Python file.



nbQA

**3.**

Question 3

Which of the following are some good tools for Data Versioning?

**1 / 1 point**



Neptune

**Correct**

Nice job! Neptune includes data versioning, experiment tracking, and a model registry.



Delta Lake

**Correct**

You did it! Delta Lake runs on top of your existing data lake and provides data versioning, including rollbacks and full historical audit trails.



Pachyderm

**Correct**

Way to go! This tool lets you continuously update data in the master branch while experimenting with specific data in a separate branch.



OpenRefine

**4.**

Question 4

True Or False: Concerns such as cost, performance, stability, scalability, maintainability, and schedule are much more important to data scientists than software engineers.

**1 / 1 point**



False



True

**Correct**

Yes! Software engineers identify themselves strongly with customer satisfaction and recognize infrastructure needs being as crucial as optimizing metrics. As a result, they strongly focus on quality, testing, and detecting and mitigating errors.