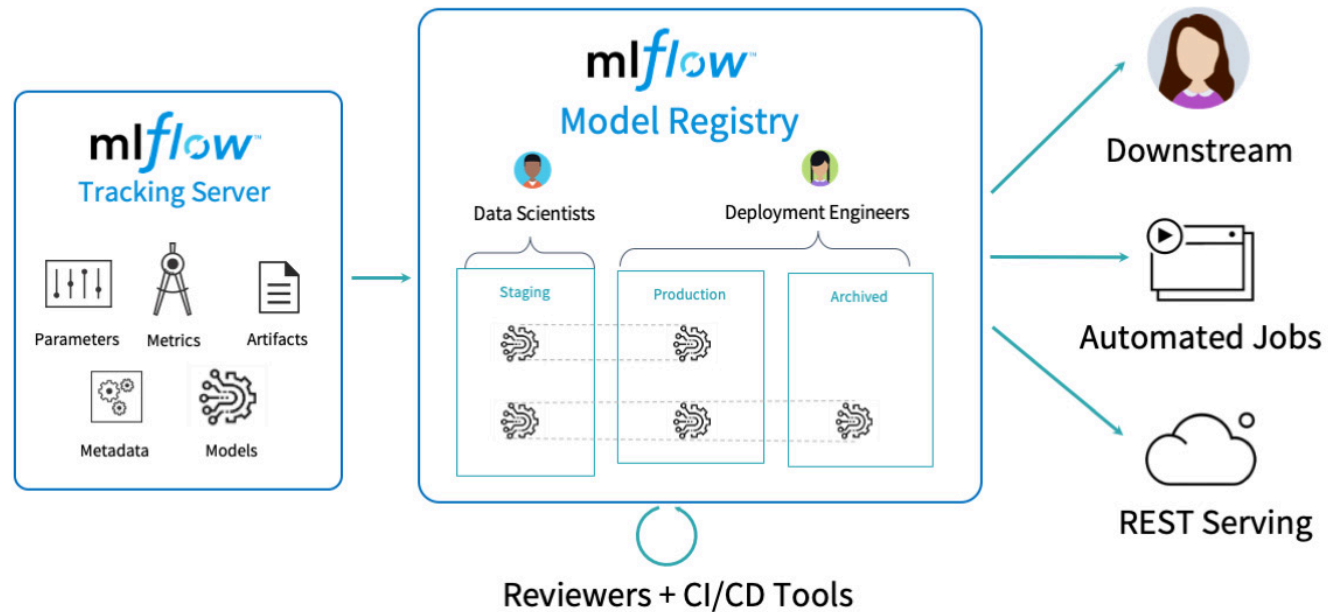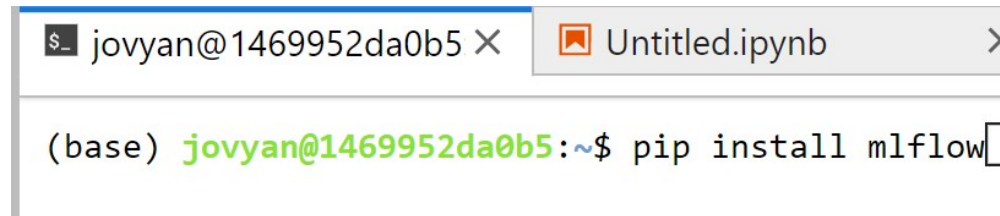# MLflow

Justin Post

Documenting Model Fitting Process

- Fitting many models, we should make a log of the results/information!

Documenting Model Fitting Process

- Fitting many models, we should make a log of the results/information!

- `MLflow` is a great package that does this and more

  - Not included in our jupyterhub, must install it first
  - Open a new Terminal and run `pip install mlflow` (and perhaps some other things)

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`MLflow` Basics

- Let's go through their tutorial to understand the process!

Recap

- `MLflow` gives us a nice way to document the model fitting process

- Has a nice GUI but not easy to use on our jupyterhub

- Can easily convert results into a pandas data frame and inspect!

```
import mlflow
mlflow.search_runs(experiment_ids=["0"])
```

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