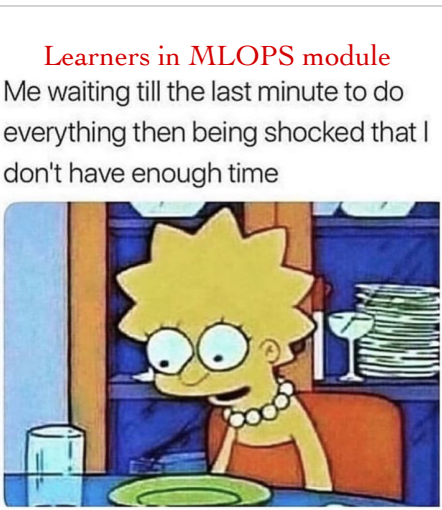
Session - 8

Experiment Tracking

Oct 17, 2025

Learners in MLOPS module

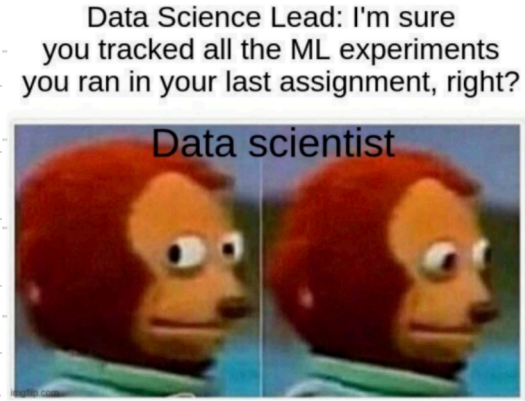


Agenda

-> Discuss how to avoid 1000s of hours of torture.

→ Deploy on EC2 Instance

Amazon / Google



10Ks

Exp → trying a new recommendation engine

→ trying a new UI

→ trying a new software

To keep track of all the things that didn't work, and what worked, so you don't repeat the same mistake again.

Parrot → $130K

POC / MVP

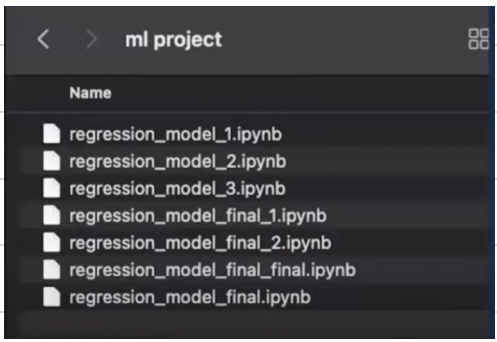
try 1000s of model variation / Param

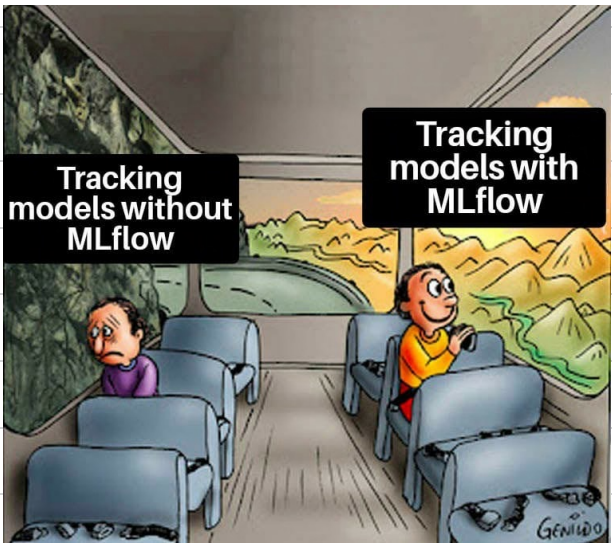
$13K

3 months

① R.F. depth 1, ccp-alpha : 0.3 × ×

MLflow



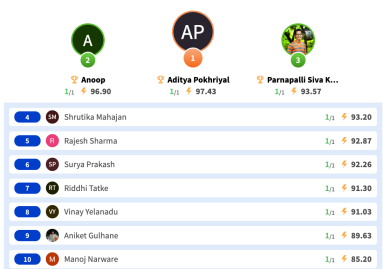


What does model governance involve in a machine learning project?

0 users have participated

A	Only deploying the best model for user access	0%
B	Ensuring that project code is well documented	0%
C	Tracking the experiment from the experimentation to deployment for auditing purposes	0%
D	Reducing the data required for training the model	0%

End Quiz Now



Quiz time!

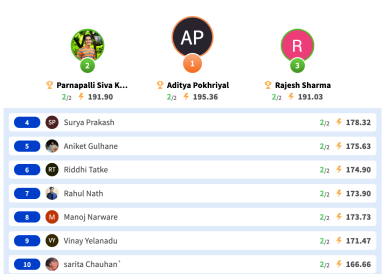
Time Left: 56s

Why is it important to keep track of data in machine learning projects?

0 users have participated

A	Data is the code that makes machine learning models work	0%
B	Data can be sourced from multiple storage units	0%
C	Data helps in analyzing features at different steps of the project	0%
✓ D	All of the above	0%

End Quiz Now

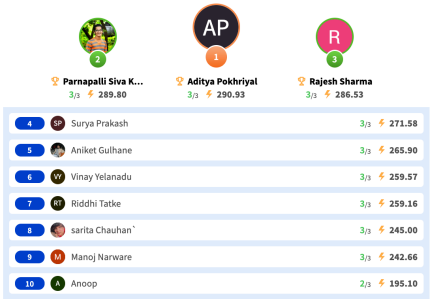


What purpose do 'artifacts' serve in MLflow?

1 user has participated

A	To record every login attempt into the system	0%
B	To store machine learning algorithms	0%
C	To keep track of non-parameter and non-metric outputs like models and visualizations	100%
D	To track real-time changes to the source code	0%

End Quiz Now

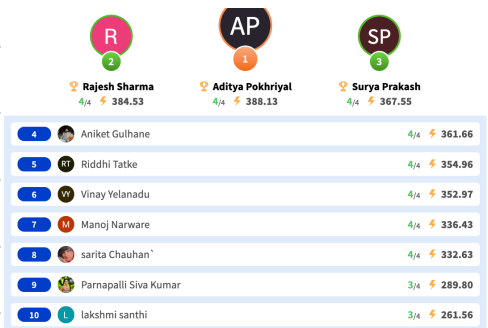
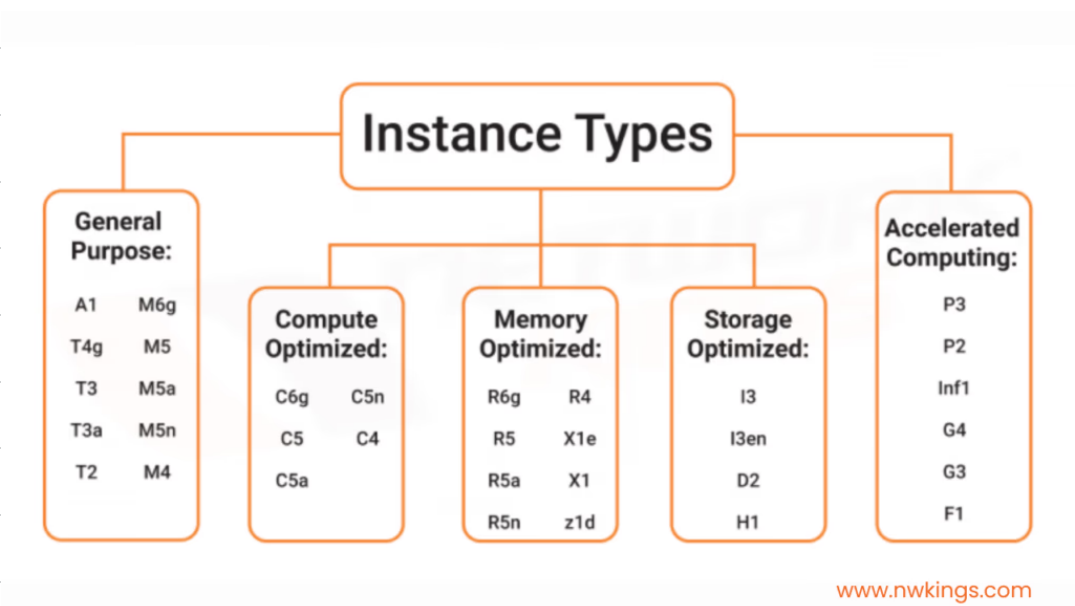


Which method is used to log parameters in MLflow?

0 users have participated

A	mlflow.log_param()	0%
B	mlflow.log_metric()	0%
C	mlflow.log_artifact()	0%
D	mlflow.log_user()	0%

End Quiz Now



Types of AWS instances