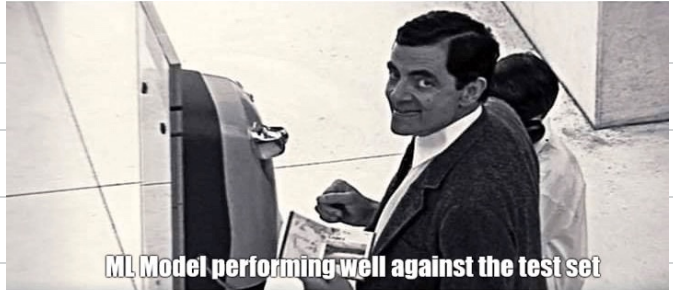
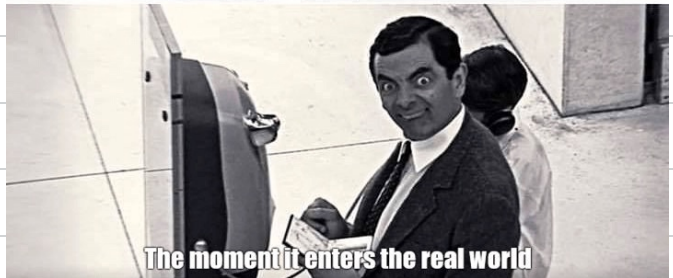


Learners in MLOPS module

Me waiting till the last minute to do everything then being shocked that I don't have enough time



ML Model performing well against the test set



The moment it enters the real world

AGENDA

- > Discuss how to avoid 1000s of hours of torture.
- Deploy on EC2 Instance

Amazon / Google

10ks

Exp \rightarrow trying a new
recommendation engine
 \rightarrow trying a new UI
 \rightarrow trying a new software

Data Science Lead: I'm sure
you tracked all the ML experiments
you ran in your last assignment, right?



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

Parrot \rightarrow \$130K

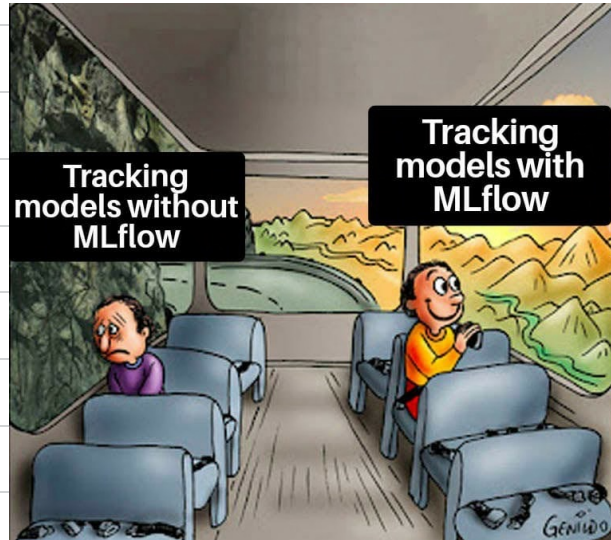
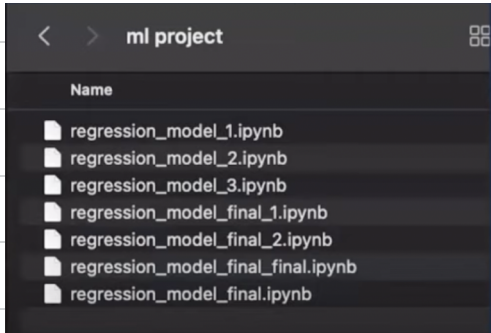
\swarrow try 1000s of model variation / Param

\searrow POC / MVP

\$13K
 \downarrow 3 months

① R.F. depth 1, rcp-alpha : 0.3 x x

M2Flow

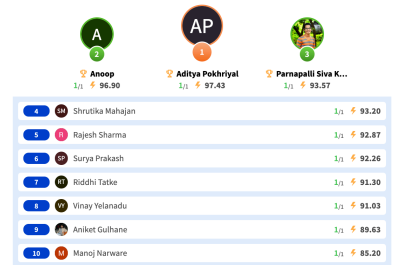


What does model governance involve in a machine learning project?

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!

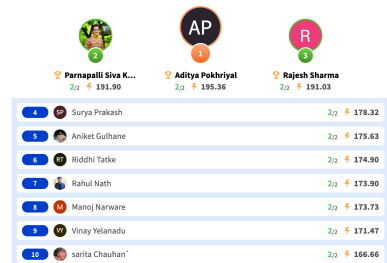
Time Left: 56s

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% |
| <input checked="" type="checkbox"/> 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](#)











		
Parnapalli Siva K... 3/3 ⚡ 289.80	Aditya Pokhriyal 3/3 ⚡ 290.93	Rajesh Sharma 3/3 ⚡ 286.53
4 	5 	6 
7 	8 	9 
10 		

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](#)

		
Rajesh Sharma 4/4 ⚡ 384.53	Aditya Pokhriyal 4/4 ⚡ 388.13	Surya Prakash 4/4 ⚡ 367.55
4 	5 	6 
7 	8 	9 
10 		

Types of AWS instances

