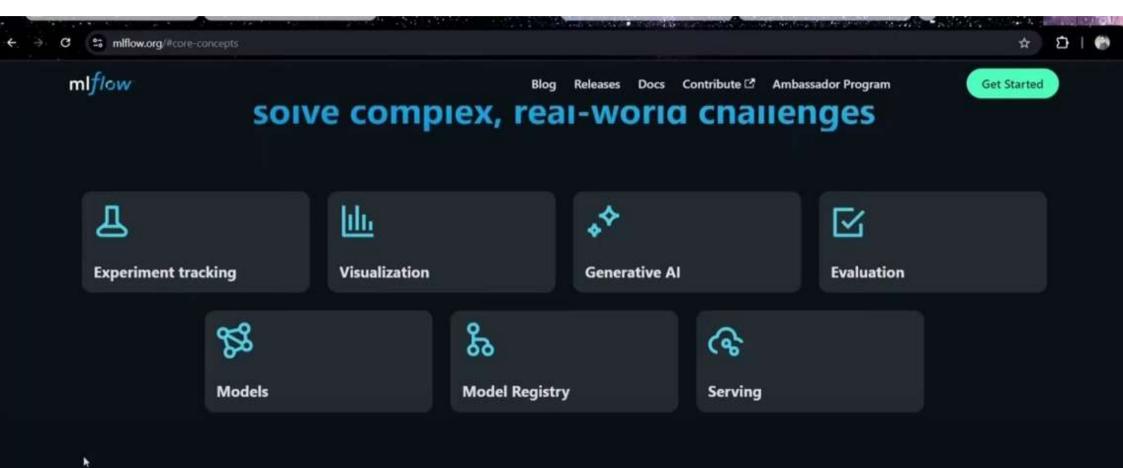
AGENDA

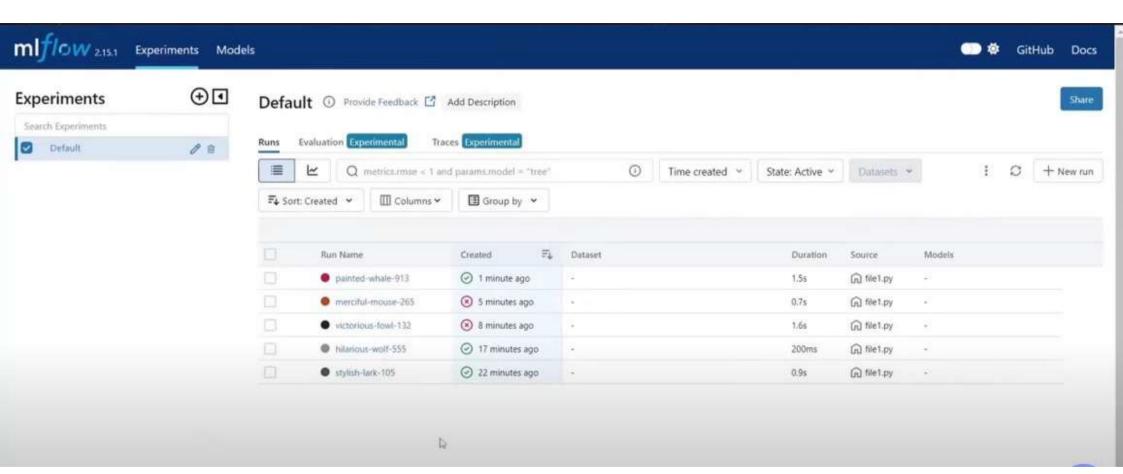
- 1. Experiments overview.
- Z. DVC vs MLflow.
- 3. MLflow for Data Science.
- 4. Code demonstration.
- 5. MLflow server architecture (AWS vs Dagshub)
- 6. Model Registry.

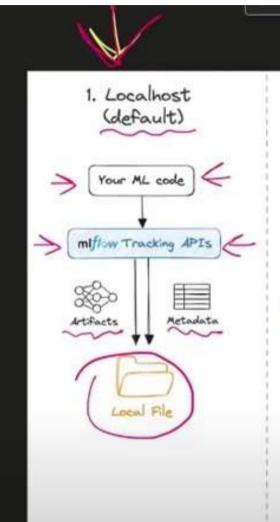
Pre-process > T1, T2, T3

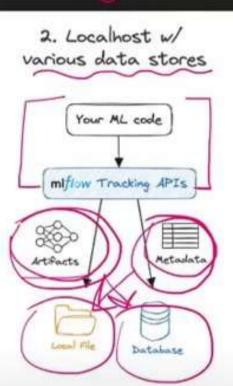
Freature Ergy > T1, T2, T3

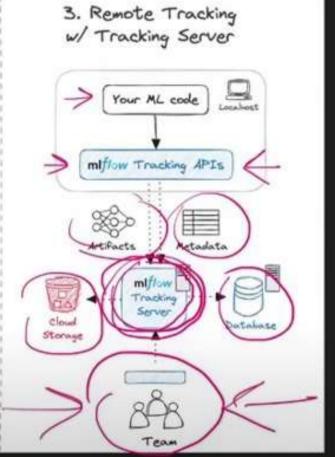
Model > ANN/ML > Best Model ML > LR / SVM/DT





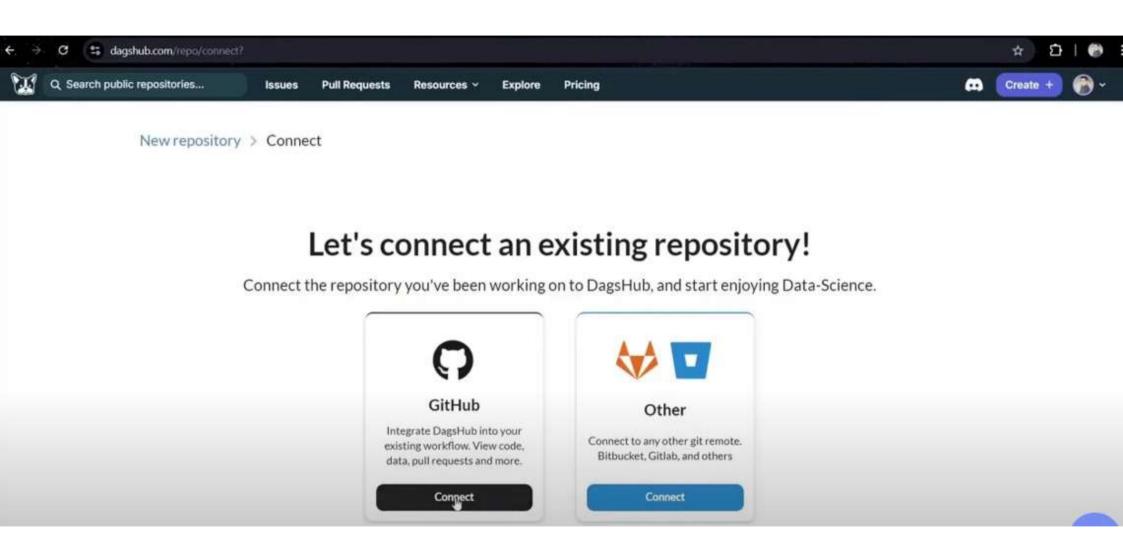






Dagedub

(Chrification) Exp vs Run Param 2 > [5] [12] --- [h] > [ANN] >[DT





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Experiment vs Run

Exp is like experimenting using a DL model, but run means that using that DL model, we are changing parameters, data, etc., to compare performance and get the optimal solution. So, an experiment has multiple runs.

That's why we use MLflow.

If we go for experiment tracking with AWS, then we have to first create IAM roles or users for different users for collaborative experimentation and tracking, then create an EC2 remote server to host this experimentation and tracking and also to store metadata, and finally create an S3 bucket to store artifacts.

VISIT IT --> https://chatgpt.com/share/6840b0d9-2afc-8007-aa39-e34bd2159768