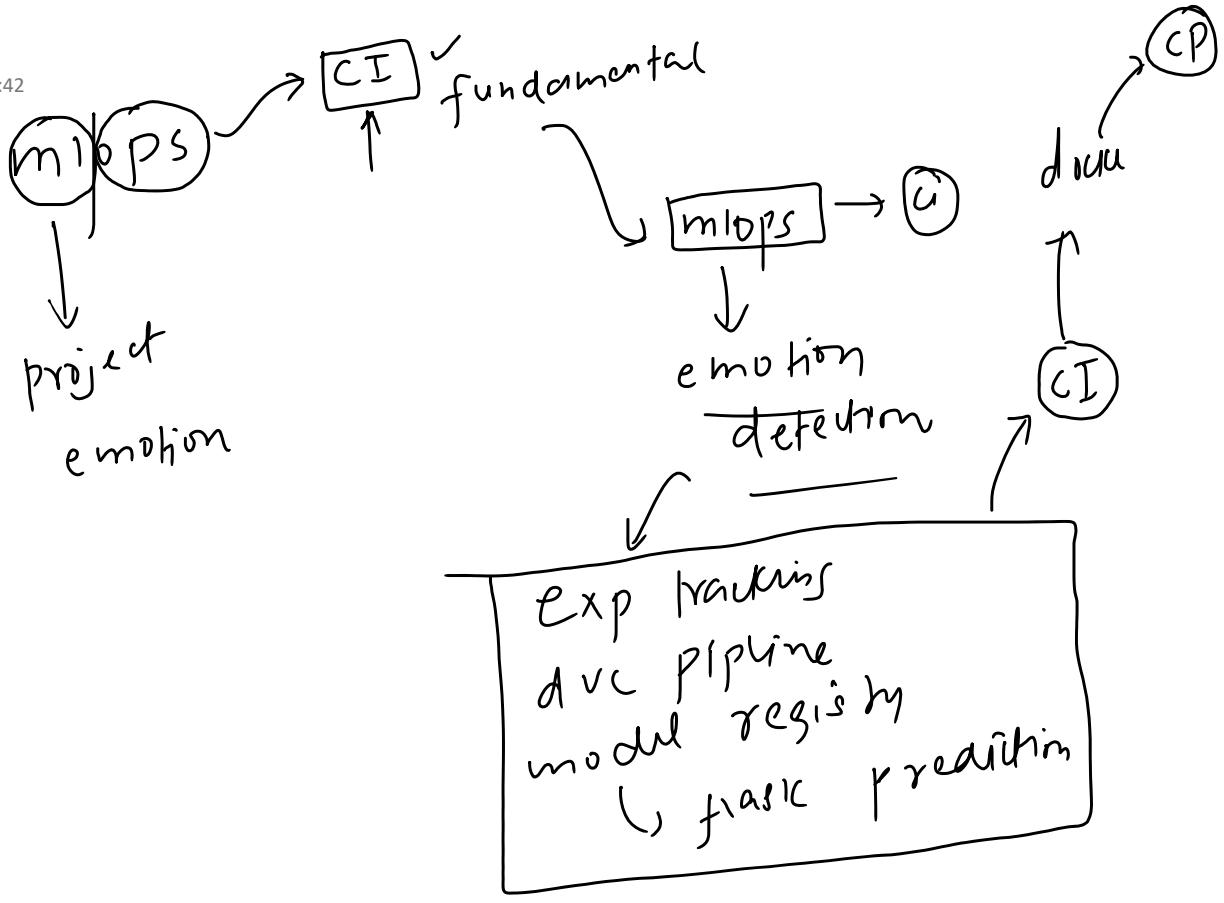
Recap

03 August 2024 14:42



Before starting today's class

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1. Code heavy →
2. Can be frustrating → attitude
3. Grey →
4. I am prepared, but… live

Plan of Action

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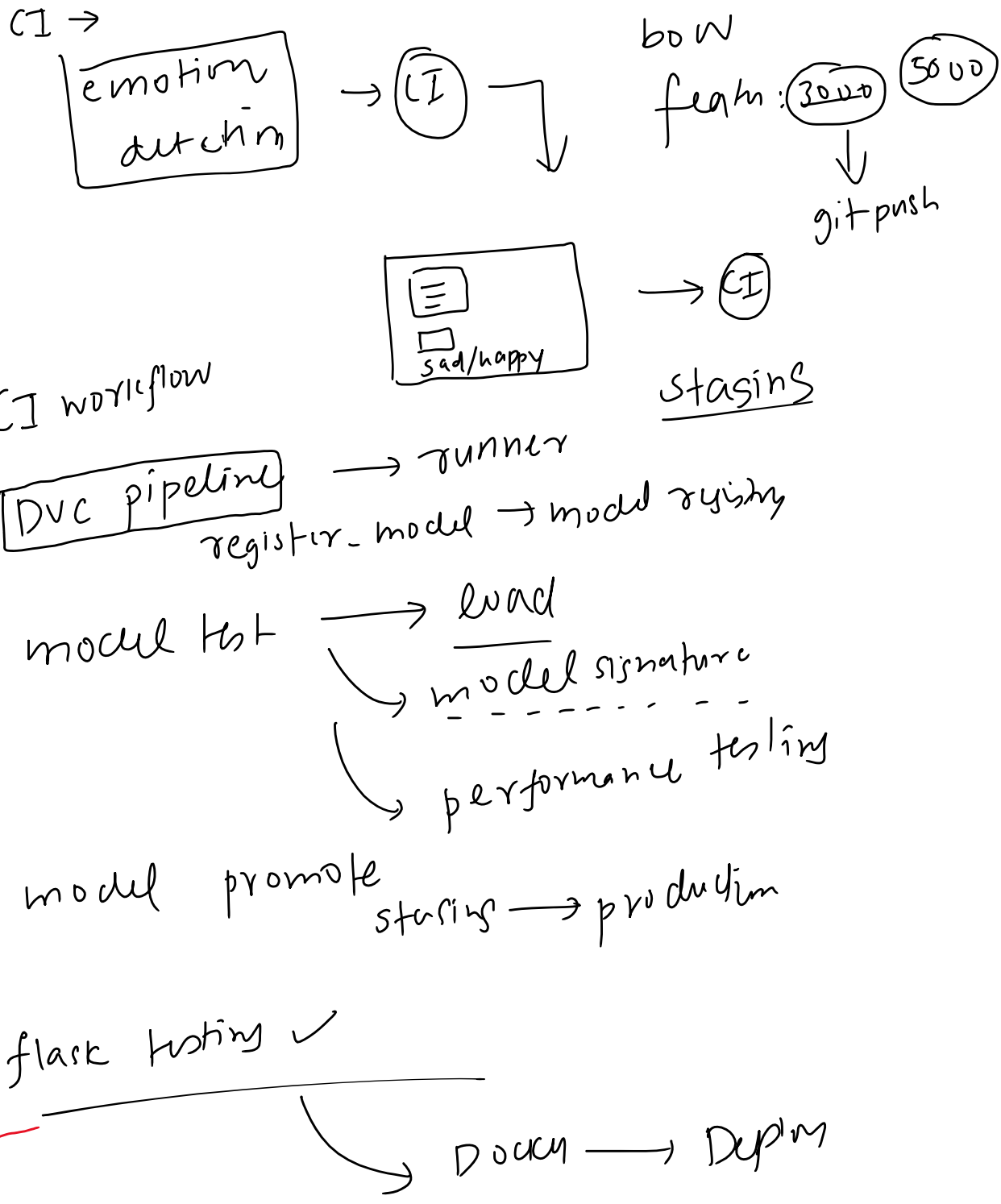

Demo

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Steps

03 August 2024 18:18

0 - Add AWS S3 remote
python -m awscli configure

- generate the requirements.txt

1 - run dvc pipeline
- normal way
- 2 problems (requirements.txt) and (Dagshub auth)
- keep solving requirements until you are good to go
- realize and add cache step in ci workflow
- generate auth token inside Dagshub
- add env var inside github
- change Dagshub auth code in model_evaluation and register model

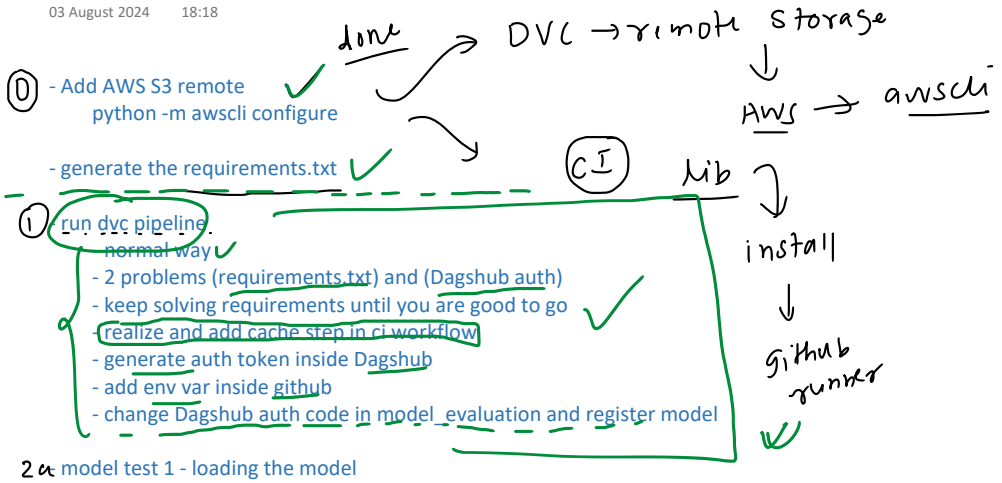
2a model test 1 - loading the model
- create tests dir
- create new test file test_model.py
- add step to ci workflow

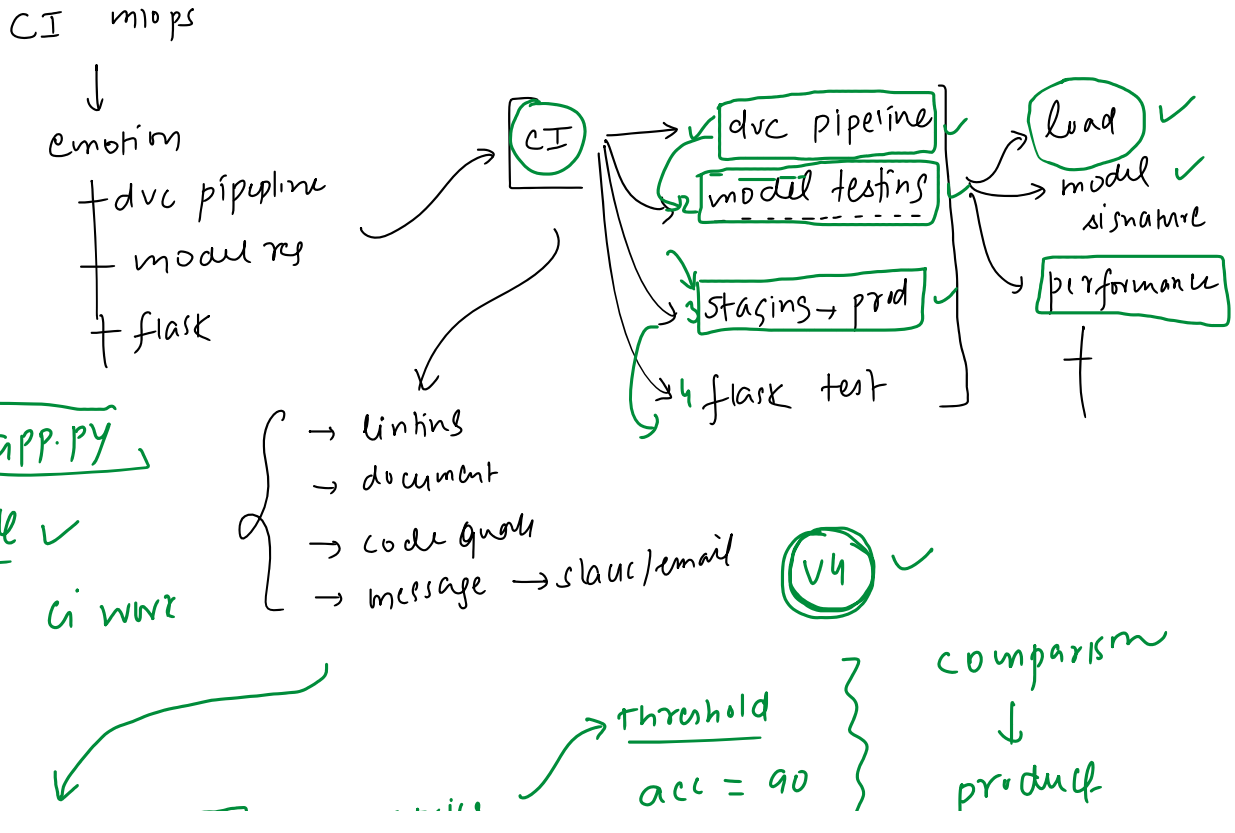
2b - model test 2 - check the model signature
- modify code to log model signature in model_evaluation
- add test_model_signature method to test_model.py
- add step to ci workflow

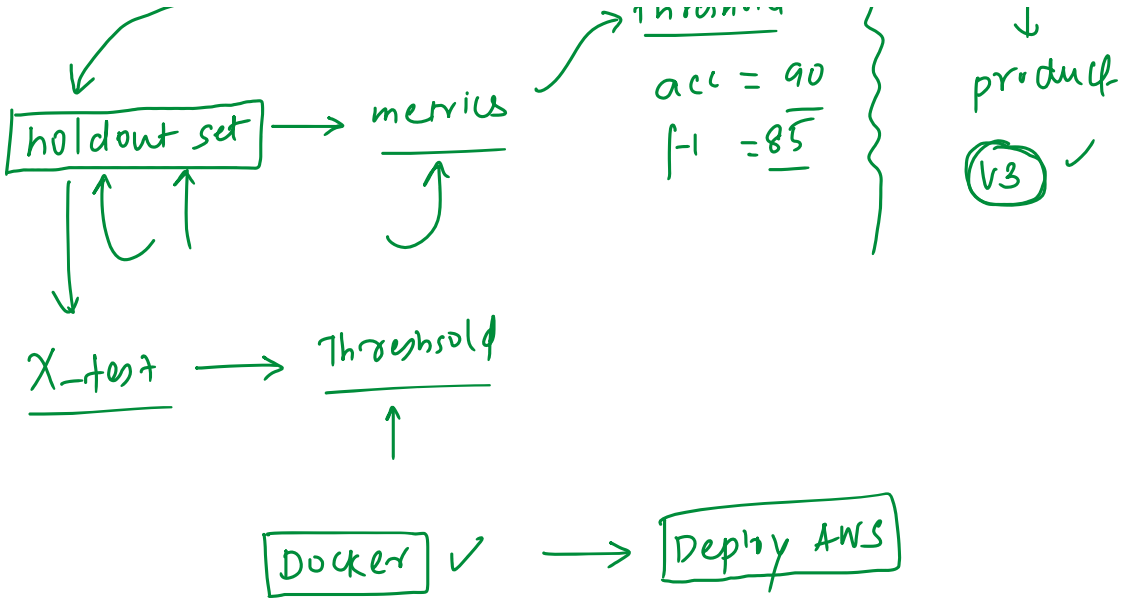
2c model test 3 - performance test
- add test_model_performance method in test_model

3 - promote model if passes all the tests
- create scripts dir
- create promote_model.py code
- add stage in ci workflow

4 - flask test
- change flask-app to flask_app
- change app.py
  - Dagshub auth code
  - code inside predict
  - if name == main
- create test_flask_app.py file
- add step in ci workflow






holdout set
metrics
acc = 90
f-1 = 85
product
V3
X_test
Threshold
Docker
Deploy AWS