

Presentation For DASS-IIITH



Technology

- Python/Django
- Vue.js/Angular 4
- TensorFlow/Pytorch

First 2 weeks with ScrapShut

The Infrastructure



- Understanding what & how our project does?
- Understanding Django in depth
- Understanding Angular/Vue.js in depth
- Understanding Django Rest framework converting all our database into JSON format
- Connecting our backend django with frontend(Angular/Vue.js) with API

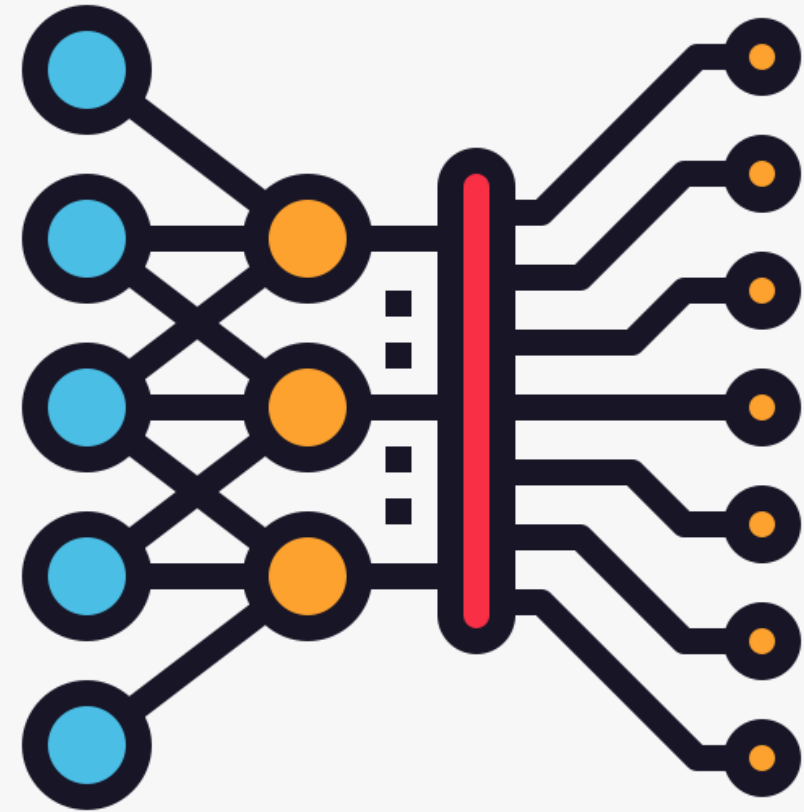
Next 4 weeks with ScrapShut

The Data



- Understanding concept of webscraping
- Understing Indepth about Beautifull Soup 4
- Grabbing data from anywebsite and storing it in our database along with the user rating

Next 4 weeks with ScrapShut



Introducing DEEEEEEP Tech

- Understanding various ML Algorithms
- Deeper understanding of Tensorflow, Pytorch
- Applying those algorithms to our stored data
- Training Our Machine learning models
- Testing Our Machine learning model

Final 4 weeks with ScrapShut

Connectin DOT 'S



- Connecting Django backend to DRF
- Connecting DRF to Frontend
- Connecting DRF to Trained Machine learning models
- And then BOOOOOOOOMMMMM.....
- User posts a review about a site that data will be stored in database using webscraping(frontend to backend using API)
- We apply ML to that Data(backend to ML using API)
- Whenever user tries to visit such malicious site scrapshut will notify based on previous recorded reviews on that particular site(ML to Backend and to Frontend Using API)