

## BiWeekly meetings-8 (5 - 18 April biweek)

- Web application changes will be discussed.
- Team will be informed on current seller based models
- Group will be informed on spider scheduling state

### Summary

- Scheme of the web application was completely changed.
  - Product delay
  - Bar and line charts
- added 30 trained model of xgbrf with best hyperparameter
- added 90 files (data\_for\_model) to make it easy for using predictive system for 10 items with 3 top sellers
- added a 60-page pdf upon the request of the supervisor
- StockMount data was processed to be added to the database
- api filtering and saving functions are complete, only works on localhost currently searching live deployment options
- CI/CD spider scheduling is currently being done on github
  - problem: we have spiders working for 95-100 minutes a day
  - Github only provides 2000 minutes a day( $95 \times 30 = 2850$ ) which is a problem
  - To solve it we asked for gitlab runners to be provided to us from TA's we were then guided to ask to the admins. But haven't gotten a comeback from them.

### Job assignment

- Graph data will be changed into dynamic data(Can)
- Research on LSTM and integrating xgbrf(Mert)
- Database API problems will be fixed and refactoring(Eray)
- All scrapers will be controlled for any kind of possible errors(Yusuf)
- Research on Tensorflow and LSTM + initial LSTM implementation(Ersel)