



Soumalla Tarafder

✉ soumallatarafder@gmail.com

🐙 <https://github.com/Soumalla-Tarafder>

☎ 7001262959

in <https://www.linkedin.com/in/soumalla-tarafder-58a8ba207/>

📁 Projects

REVIEW AND IMAGE SCRAPPER, *[automatic scrapping from web for input of another project]* 🔗

This is a end to end project deployed on heroku, which helps us to save time and reduce involvement of human for scrapping some reviews and images from web.

- **MOTIVE**-For any Computer Vision project main task is to gather lot of images . For those purpose this project can be very very helpful . Similarly for review analysis use cases we can use this project..
- **TOOLS**- beautiful soap, Urllib , flask,

WAFER FAULT DETECTION, *[based on sensor data]* 🔗

This is a end to end project deployed on heroku, as a web application we used flask,and maintain modular coding approach.

- **PROBLEM STATEMENT**-This dataset is generated by sensors and based on those data we need to detect that a wafer is faulty or not.
- **ACCURACY**-88% [approx]
- **ALGORITHM**-Semi supervised learning we have used.

ADVANCED HOUSING PRICE PREDICTION WITH CI/CD, *[using github action ,docker,mlops]* 🔗

Here we have created wntire ci/cd pipeline using github-action.we use docker for portability and also we have integreted retraining approach over here.

- **PROBLEM STATEMENT**-Based on no. of rooms . longitude latitude and many more values we need to predict what will be the price of any house.
- **ALGORITHM**-Gradient Decent/random forest (we can use as many algorithm we want based on accuracy automatically this will be chosen)
- **ACCURACY**-76% [approx]

🧠 Skills

- MACHINE LEARNING,PYTHON,JAVA,GIT,DOCKER,FLASK,SQL AND NO SQL DATABASE.,DSA

🎓 Education

MASTER OF COMPUTER APPLICATION,

Institute of Engineering and Management [MAKAUT]

- CGPA/PERCENTAGE--9.49

12/2021 – present
Kolkata, India

B.Sc COMPUTER SCIENCE, Coochbehar college [CBPBU]

- CGPA/PERCENTAGE--9.07

08/2018 – 08/2021
Cooch Behar, India

HIGHER SECONDARY EDUCATION, Jenkins School [WBCHE]

- CGPA/PERCENTAGE--71.40

2017 – 2018
Cooch Behar, India

SECONDARY EDUCATION, Jenkins School [WBBSE]

- CGPA/PERCENTAGE--78.14

2015 – 2016
Cooch Behar, India