

Mohammad Najeed Osmani

Aspiring Data Scientist

I am a Mechanical Engineer who wants to solve real-world problems using Analytical skills.



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EDUCATION

Bachelor of Technology in Mechanical
Jawaharlal Nehru Technological University
college of Engineering, Jagityal

07/2017 - Present

6.4/10 GPA

Higher Secondary education (12th)
Sri Gayatri Jr. College

06/2015 - 04/2017

95%

PERSONAL PROJECTS

Movie Recommender System (11/2019 - 11/2019)

- This Recommender system suggests movies based on one's preferences.
- Recommender systems are important subclass of Machine Learning Algorithms which suggests items based on user preferences.
- These are mainly classified into two categories namely Collaborative filtering and content based filtering. The one which I have made is a Collaborative filtering kind of Recommender system.

Life Expectancy Model (04/2020 - 04/2020)

- It is a model which predicts Life expectancy of an individual based upon the factors that may affect or boost one's life using Life Expectancy dataset provided by WHO.
- Many of the Flexible models (like Random Forests, Xgboost etc.) got 85%+ of score on this dataset where by just using simple Feature engineering techniques I was able to get 95%+ score using basic Linear Regression model.

SKILLS

Python

Scikit-learn

Numpy

Pandas

Matplotlib

Keras

openCV

NLP

NLTK

Deep Learning

Machine Learning

Statistics

ACHIEVEMENTS

Top 1% (Rank 7) HackerEarth's NLP (06/2020 - 06/2020)

This was a Tweet sentiment Analysis type of problem where the task was to predict whether the tweet belonged to positive, Neutral or negative class.

Top 1% (Rank 33) AnalyticsVidhya's Janatahack: Machine Learning in Agriculture (07/2020 - 07/2020)

This was a classification problem where the task was to predict whether the crop was damaged or not based on the given data.