Mohommad Najeed Osmani

Aspiring Data Scientist

An entry-level data scientist who is very much curious about building models that translate data points into business insights. Iam eagerly waiting to solve some real-world business problems.

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EDUCATION

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

07/2017 - 04/2021   *6.5 GPA*

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

06/2015 - 04/2017   *94%*

PERSONAL PROJECTS

Acne Classifier (08/2020 - 11/2020)
- Acne has been a big big problem especially among youth as it lowers your looks and confidence as well.
- This project is all about identifying the acne type and suggesting methods with which one can cure his acne naturally and suggesting some common medications.
- Key take ways were Data gathering and cleaning, using less than 100 images per class and training using state of the art algorithms that too with efficient results.
- This is an end to end project.

Automatic Attendance Taker (07/2020 - 08/2020)
- This is a model which takes attendance of all the students automatically with feeding in images.
- It uses face recognition library with dlib as backend which has famous state of the art algorithm "Face recognition".
- Key take aways from this project were understanding the differences between Haar cascades and HOG(Histogram of Oriented Gradients) algorithms which are used in face recognition libraries like openCV and dlib respectively.

Car price Prediction (06/2020 - 07/2020)
- This end-to-end project is about predicting prices for the second hand cars.
- It uses features likes kilo metres driven, fuel type, year bought, seller type, transmission type, model name to predict the prices/ real values of the cars.
- This gave efficient results because of the mean encoding of the variables.

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 prefereces.
- 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.

SKILLS

Python | Data Analytics | Natural Laguage Processing

Machine Learning | Deep learning | Statistics

Keras | Scikit-learn | openCV | Matplotlib

seaborn

ACHIEVEMENTS

Top 1% 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 22) HackerEarth's ML challenge. (08/2020 - 08/2020)
Slashing prices for biggest sales day organised by hackerearth.

Top 1% 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.

CERTIFICATES

HackerEarth Certificate of ML Challenge Participation. (08/2020 - 08/2020)

LANGUAGES

English
Full Professional Proficiency

Hindi
Professional Working Proficiency

Telugu
Professional Working Proficiency