



Roheet Rajendran

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Magdeburg, Germany

Professional Summary

A motivated individual with a strong capacity for learning along with good programming and analytical skills and an experience of almost 1.5 years as an analyst in the field of Telecommunications. Motivated to learn, grow and excel in the field of Data Analytics.

Education

M.Sc., Data and Knowledge Engineering (April 2021- Present)
Otto-von-Guericke Universität, Magdeburg

GPA: 1.4

Relevant Coursework: Machine Learning, Cloud Devops, Information Retrieval. Data Mining, Advanced Database Models, and Recommender Systems.

B.E., Computer Science Engineering (July 2015- May 2019)
Anna University, Chennai

GPA: 1.9

Skills

Languages:

- Python
- Java
- R(Basic).
- SQL
- Bash Scripting

DevOps:

- Docker
- AWS

Libraries:

- Scikit Learn
- Keras
- Tensorflow
- Gensim
- NLTK
- Spacy
- Pandas
- Numpy

Analysis:

- Tableau
- Plotly

Others:

- Agile and Scrum Methodology.
- MS Excel

Work Experience

Assistant Systems Engineer, Tata Consultancy Services Ltd, India
June 2019 - January 2021

- Created regression models to forecast customer CLV Value which improved the growth of 50+ cross sell offers with performance optimization.
- Retrieved and transformed data using ETL Methods which were later integrated into an external system(PEGA) via an automated process thereby reducing manual intervention by 75%.
- Created Dashboards using Tableau to communicate results and insights.
- Brought forth vast experience working with relational databases and SQL.
- Visualized consumption of various propositions and its effectiveness during each campaign run.

Accomplishments

- On the Spot Award from TCS for good performance among 50 candidates.
- Achievement for being part of the best team of the year from TCS.
- Certificate of Merit – Bachelor's program.
- Received Scholarship on my 2nd Year of Bachelor's Program.

Certifications

- IBM – Data Science Specialization.
- PEGA – Decisioning Consultant.
- Intermediate Python Programming – Hackerrank.

Projects

1. **Prediction of Loan Defaulters** - Lending Club Connects investors with borrowers and vice versa. Applied the model on a publicly available dataset to classify whether the borrower has paid back their loan in full. The implementation was done using Python and Random Forests
2. **Prediction of Taxi Demand Using Recurrent Neural Networks** - The main intent of this project is to manage a fleet of taxis in a crowded area and to serve more customers in a short time by organizing the availability of taxis. The implementation was done using Python and LSTM (Deep Learning)
3. **Book Recommendation System using NLP** - A TF-IDF Model was built using bag of words of the books which were tokenized and stemmed. Using the Tf-idf scores, a similarity matrix was created to find the most similar books. The recommendations are also visualized using a cluster map (based on their similarities). The implementation was done using Python and Gensim
4. **Google Play Store Analysis** - Obtained data about each app in the Google Play Store, including the price, the number of installs, and ratings. Cleaned and analyzed them to address some basic yet vital questions.
5. **Food Web Application** - A website that will allow customers to get an idea of what the food delivery company is about, in which cities they operate and the subscription plans they offer. The site is developed using HTML, JS and JQuery.

Languages

English:  C1
Advanced

German:  A2
Elementary