Rohan Dange

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[LinkedIn]

EXPERIENCE

GlobalShala Pvt Ltd.   **July 2022 — August 2022**
DATA ANALYST INTERN
- Used exploratory data analysis to find signals to determine whether a user will respond or not.
- Translated large data sets into meaningful and actionable insights.
- Build different machine learning models in Python (TenserFlow) to predict the user's tendency toward responding to different types of questions and send questions to the user who are more likely to respond to improve the survey quality.
- Implemented complex Tableau dashboards for both technical and business users.
- Pitched ideas for best Data Visualization.

SKILLS: Python , Tableau

DXC TECHNOLOGY   **July 2020 — June 2022**
SOFTWARE ENGINEER
- Software Engineer with 2+ years of experience in SQL, Javascript, React.js as a developer for Insurance domain.
- Identified and tuned SQL queries for better application performance.
- Actively mentored application outages and found the root cause to resolve the issues.
- Evaluated Splunk for logs, dashboard and reports.
- Examined AppDynamics to capture and monitor real time business transactions

SKILLS: SQL, Javascript, React.js

PROJECTS

Predicting Diabetes Health Indicators   **March 2023   —May 2023**
Utilized ML techniques on a dataset of 253,680 survey responses to predict diabetes health indicators. Achieved 85% accuracy using logistic regression, random forest, and ANN models. Conducted feature selection, K-fold cross-validation, and data visualization for enhanced evaluation and insights. Demonstrated expertise in data preprocessing, feature selection, and predictive modeling for diabetes health indicators.

Student Exam Performance Prediction   **August 2022 —Jan 2023**
- Performed data cleaning, preprocessing, and visualization (boxplot, histogram) in R. Conducted hypothesis testing and developed a linear regression model to analyze student performance factors. Demonstrated proficiency in data analysis, preprocessing, visualization, and statistical modeling for educational insights.

FakeNews ClassifierUsing ML   **July 2018 —May 2020**
- This involves classifying fake news. Worked on a dataset of news articles during 2016 election
- Classification Of fake news using various ML models such as KNN, Naive Bayes, SVM, Decision tree. Compared their accuracy, latency, and different matrices. Achieved accuracy of 94%. Also explored different approaches for fake news classification using deep neural networks and transformers.

DataAnalysisUsingTwitterAPI   **January 2018—May 2018**
- Extract data from Twitter API using TweePy, pre-processed text and word embedded. Compared different methods for text- embedding and identified the best approach. Achieved an accuracy of 92%. Did sentiment analysis of each tweet and identified use- cases of the system. Part of seminar work and got A+ grade.

Sports Booking and Matchmaking Systems   **January 2017—May 2017**
- Designed Prototype of website using Django and Flask framework with PostgreSQL for database design. Create Dashboards for calculating sports resistivity for athletes in India based on gathered data.

EDUCATION

Master's in Data Analytics & Management, Illinois Institute of Technology, GPA 3.50/4.00   **August 2022 — May 2024**

Relevant CourseWork: Data Mining and Machine Learning | Data Warehousing | Programming for Data Analytics | Advance Topic in Database Management | Database Security | Project Management | Business Development

B.Tech, Computer Engineering, University of Pune, GPA 3.33/4.00   **June 2016 — June 2020**
- First Class
- Technical Head of the Open Source Communityat Pune University

RESEARCH EXPERIENCE

Journal Name: International Journal of Innovative Technology and Engineering & **Paper Title:** Sports Booking Systems

TECHNICAL SKILLS

Programming Language	Python, R, SQL, Javascript, React.js
Frameworks	Spring Boot, Tensorflow, Pytorch, MySql, Hadoop, Java Persistence API,Hibernate, Kafka
Application Software	Git, Bit Bucket, Jira, Jenkins, Pentaho ETL, Tableau, Burp Suite security
Microsoft Office	Excel, Outlook, PowerPoint