

Bio

Data Analyst with a passion for extracting actionable insights from data. Proficient in SQL, Excel, Tableau, and Python for data manipulation and visualization. Interested in leveraging these skills to translate the data into clear business recommendations that drive growth and success.

EXPERIENCE

Geeks for Geeks

MERN Development Intern

Aug 2023 – Oct 2023
On Site – Noida, India

- Developed data-driven SEO initiatives, increasing website traffic by 25% and enhancing online visibility
- Actively collaborated within the development team, honing skills in front-end and back-end technologies while participating in the creation.
- Engineered a dynamic web application using HTML/CSS, JavaScript, ReactJS, and NodeJS, resulting in a 40% increase in user engagement and a 25% decrease in website loading time.

SKILLS SUMMARY

Languages

: Python, SQL

BI Tools

: Excel, Tableau, Power BI

Libraries

: Keras, Matplotlib, Numpy, Pandas, PyTorch, Scikit-learn, Scipy, Seaborn

Dev Tools

: Git, Jenkins, JIRA, PyCharm, Visual Studio Code

Analytical Skills

: Trend Analysis, Demand Analysis, Root Cause, Market Sizing, Statistical Analysis, Forecasting

PROJECTS

Anomaly Detection and Event Prediction in sensor networks (Jul '24)

Source Code

- Developed and implemented an Anomaly Detection and Event Prediction system using Gradient Boosting, achieving a testing R2 score of 0.9898 and a testing MSE of 42.9771, significantly enhancing real-time monitoring capabilities in sensor networks.
- Utilized GridSearchCV for hyperparameter optimization across multiple regression models, improving predictive accuracy and system efficiency for a leading provider of innovative sensor network solutions.
- Tech Stack: Python, Jupyter Notebook, Pandas, Matplotlib, Scikit-learn

Predicting Trip Duration and Analyzing Taxi Ride Patterns (Jun '24)

Source Code

- Implemented RNN, LSTM, and GRU models for time series forecasting on the New York Taxi dataset, achieving a prediction accuracy improvement of 15%.
- Analyzed taxi ride patterns using detailed records of over thousand trips, including vendor IDs, timestamps, passenger counts, and geographic coordinates.
- Tech Stack: Python, Jupyter Notebook, TensorFlow, Keras, Pandas, Matplotlib, Seaborn, Scikit-learn

EDUCATION

Boston Institute of Analytics

Diploma in Data Science and Artificial Intelligence

Mumbai, India
Feb 2024 – Jul 2024

Rashtrasant Tukadoji Maharaj Nagpur University

Bachelor of Engineering in Computer Science; CGPA: 8.4

Nagpur, India
Jul 2018 – Jul 2022

CERTIFICATIONS AND ACHIEVEMENTS

- [Click here](#) for all the important certifications, feel free to checkout my LinkedIn's "Licenses & certifications" section for more.
- Consistently honored on the prestigious Dean's List in 2021 and 2022, embodying academic excellence and drive.