Rushikesh Tummod

rushikesh01999@gmail.com

(+91) 9834544907

6, Ayodhya Nagari taroda kh.
Nanded-431605

Data Scientist with 3 Years of Experience | Expertise in Machine Learning, Forecasting, Data Analysis, and Gen AI | Proficient in Python, SQL, and Power BI | Proven Track Record in Delivering Data-Driven Insights and Solutions for Businesses.

EDUCATION

Bachelor of Technology (Electronics Engineering)

Veermata Jijabai Technological Institute, Mumbai   2017-2021

EXPERIENCE

Data Scientist

Markytics Mumbai [Apr 2021 – Present]

Callbot and Chatbot LLM Application:

- Developed an **LLM-powered** customer-calling bot using **Google Vertex Gemini Flash and text-to-speech** models to automate loan recovery. The bot engaged in natural, personalized conversations with customers, replacing manual call agents and boosting recovery efficiency.
- In addition, developed custom information chatbots for companies by leveraging a **Langchain RAG pipeline** to efficiently resolve user queries and enhance customer support.

Loan Management and Credit Rating:

- A **Django**-based System for bank employees that comprises a set of reports including **Credit risk models**, loan assignment and monitoring calculations using **machine learning** algorithms like **XGBOOST, Light GBM.**
- Performed **hypothesis testing** to analyze customers who were dropped from the client's funnel but obtained loans from other sources using credit bureau data.

Demand Forecasting:

- Developed a **forecasting** model for wholesaler sales of fertilizer company having use case of inventory management and production planning.
- Built Forecasting model for pharma company, to monitor how their drug is going to perform in the market.
- Expertise in **FBProphet, LSTM, Neural Prophet, Holt Winters, ARIMA, SARIMA, SARIMAX**

Data Lake & Analytics Platform:

- Developed an automated data lake using AWS to centralize data from multiple vendors into one **data lake,** enhancing processing and visualization
- Integrated **Power BI** to create interactive dashboards, significantly improving data accessibility and decision-making
- Used Power BI embedded analytics to broadcast report to all the stakeholders of company on existing platform.

Freelance Engineer

Freelance [Apr 2021 – May 2022]

Machine Learning Content Development:

- Created Video lectures of **20+ Hours on Machine learning and data science** for content developer company.
- Covered topics include all Machine learning algorithms, Deep learning, data analysis using pandas and forecasting.

TECHNICAL SKILLS

Coding Language:

Python

Machine Learning / Data Science:

Time series Forecasting, Power BI, Machine Learning, Pandas, Numpy, TensorFlow, Matplotlib

Generative AI:

Google Vertex AI, Hugging face, Langchain, VectorDB, LLMs, Transformers, RAG, GAN

Database:

MySQL, PostgreSQL, SQLite, MSSQL

Web Development :

Django, Flask

Cloud:

AWS, GCP, Ngrok, Twillio, Heroku

CERTIFICATES

Applied Data Science with Python Specialization
By University of Michigan

SQL Professional
By University of California, Davis

Financial Market course
By Indian school of business

PROJECTS

E-Commerce Website (2021)

Designed and developed user-friendly e-commerce website using Django framework, Including optimized checkout, login, logout and payment gateways. GitHub: github.com/Rushikesh01999/Deadstorm-E-Commerce-Website-.git

PROFESSIONAL SKILLS

- Equity Stock Trading
- Leadership
- Public Relations
- Yoga professional