

UMESH

Data Scientist | Ex. Executive Manager
+91 6360613825 | Bengaluru, INDIA

LINKS

Portfolio : [umeshgouda](#)
Mail: umesh11m266@gmail.com
Github : [UMESH266](#)
LinkedIn : [UMESH266](#)

SKILLS

PROGRAMMING

• Python • SQL

LIBRARIES & TOOLS

• Pandas • NumPy • Scikit-Learn
• SciPy • Seaborn • Matplotlib
• PySpark • Keras • TensorFlow
• Streamlit • BeautifulSoup
• Requests • Databricks • VSCode
• PyCharm • Colab • Jupyter
• AWS basics • Azure ML
• Git & Github • Docker basics

BUSINESS ANALYSIS TOOLS

• Power BI • Tableau • Excel

MACHINE LEARNING MODELS

• Regression (Linear, L1, L2, EN, DTR)
• Classification (Logit, SVM, KNN, DTC, NB)
• Clustering (KMeans, Hierarchic, dbSCAN)
• Principal Component Analysis
• Recommendation systems
• Association rules

DEEP LEARNING MODELS

• Artificial Neural Networks
• Convolutional Neural Networks
• Natural Language Processing
• GenAI (RNN, LSTM, Transformer, Chatbot, Langchain)

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY

B. Tech IN MECHANICAL ENGG
Graduated May 2015 | Surathkal, IN

JAWAHAR NAVODAYA VIDYALAYA

11-12th SCIENCE (PCMB-CBSE)
Graduated Apr 2011 | KOPPAL, INDIA

CERTIFICATIONS

Data Science from ExcelR

Generative AI from Udemy

Python – Udemy & Kaggle

SQL from Kaggle

ACHIEVEMENTS

HackerRank

1. 5 Star Gold badge in Python
2. 5 Star Gold badge in SQL

Link - [Profile](#)

EXPERIENCE

Regular JOB

COAL INDIA LIMITED | EXECUTIVE MANAGER (EXCAVATION)

OCT 2015 - MAR 2023 | SINGRAULI, INDIA ([Company website](#))

- As a Technical Manager performed Technical and techno-commercial analysis of Hemm's performance to manage Budget allocation, Spare parts, Manpower, and Repair works using Excel, E-office, and SAP.
- Forecasting for HEMM spare parts indentation for procurement by analyzing HEMMs working hours and past consumption of spare parts using traditional statistical methods.
- Preventive and predictive maintenance of HEMMs by analyzing and interpreting the working hours, daily maintenance inspections, and log reports.
- Worked as HEMM Maintenance Engineer and was mainly in charge of the Tender cell. On average published over 150 Tenders and finalized over 100 contracts each financial year.

Freelance project

AXIS ENERGIES | DATA SCIENCE & DEVELOPMENT

May 2024 - August 2024 | Bengaluru, INDIA ([Company website](#))

- Requirements for developing an app for maintenance of daily operations of Fuel Bunk collected by understanding the business model.
- Developed a data entry web app using the Python streamlit library and set up Google Sheets to store data with secured authentication for safe login.
- Prepared business report and Dashboard using Power BI connected to Google Sheets for an updated presentation of the report.
- App link - <https://maaya-autobahn.streamlit.app/>

THE SIGNATURE HOTELS | DATA SCIENCE & DEVELOPMENT

Feb 2024 - March 2024 | Bengaluru, INDIA ([Company website](#))

- Collected the feedback from the hotel management received on online booking apps and cleaned, justified, and standardized in Excel for quality analysis.
- The Exploratory data analysis using pandas, numpy, matplotlib, seaborn, and Sentiment analysis of feedback text using Natural Language Processing libraries such as nltk, BERT.
- Analysis Dashboard prepared using Tableau and project deployed online using streamlit cloud platform.
- App link - <https://feedback-sentiment-analysis.streamlit.app/>

Internship

AIVARIANT | DATA SCIENCE & DEVELOPMENT

NOV 2023 - JAN 2024 | Bengaluru, INDIA ([Company website](#))

- Worked as a team to model stock price prediction using Data Science techniques.
- Built machine-learning models applicable to Time series data such as ARIMA, Prophet, and LSTM using machine-learning techniques such as data collection, data cleaning/wrangling, exploratory data analysis, and data visualization.
- Deployed the best-performing ARIMA model which gave the lowest RMSE value of 10.7 online using Streamlit and GitHub.
- App link – <https://p335-stock-price-prediction.streamlit.app/>