

RAKESH RANJAN MALLIK

Bangalore, Karnataka, 560064

ranjan.rakesh51@gmail.com | [rakesh1251.github.io](https://github.com/rakesh1251) | linkedin.com/in/rakesh-mallik | +917795583974

Professional Summary

Analytically driven professional with hands-on experience in extracting insights from complex data and delivering impactful solutions across business domains. Passionate about solving real-world problems through data storytelling, model-driven analysis, and explainable machine learning.

Technical Skills

Data Analysis & Visualization : Pandas, NumPy, Matplotlib, Seaborn, Excel, Tableau, PowerBI, Alteryx

Machine Learning: Scikit-Learn, SHAP, Classification, Regression, Clustering, PCA, XGBoost, GridSearchCV, RandomSearchCV, Feature Importance

Deployment : Streamlit, FastAPI, REST API, Git & GitHub, Render, Hugging Face Spaces

Statistics : Descriptive and Inferential Statistics, Correlation

Language : Python, SQL, R

Work Experience

Data Science Trainee Feb 2025 - Present

Besant Technologies - Bangalore, India

- Collaborated with a vibrant team at Besant Technologies Data Science and Analytics, extracting valuable insights from diverse facets of the data science field.
- Led comprehensive exploratory data analysis (EDA) to unveil patterns, trends, and outliers.
- Effectively communicated findings through impactful visualizations using Tableau, facilitating a 15% improvement in decision accuracy.
- Leveraged supervised and unsupervised machine learning techniques for model building.

Projects

Bankruptcy Predictor App

GitHub: github.com/rakesh1251/Bankruptcy-Predictor

App: huggingface.co/spaces/ranjan51/bankruptcy_predictor

- Built a bankruptcy risk model using financial ratios and XGBoost.
- Added SHAP-based explainability and deployed using Streamlit on Hugging Face
- Tools: Python, Jupyter Notebook, XGBoost, SHAP, Streamlit, FastAPI

Taxi Fare Predictor

GitHub: github.com/rakesh1251/Taxi-Fare-Prediction

App: taxi-fare-predictor.streamlit.app

- Created a regression model to predict taxi fares using date/time and location features.
- Deployed with a Streamlit UI and FastAPI backend (Render).
- Tools: Python, Jupyter Notebook, Scikit-learn, Streamlit, FastAPI

Education

Bachelor in Electronics & Communication Engineering 2022

Khwopa Engineering College, Purbanchal University, Kathmandu

Certifications

Data Science Essential Training by Besant Technologies Jan 2025

Google Data Analytics Apr 2025

Google Advanced Data Analytics Jun 2025