

RAKESH RANJAN MALLIK

Bangalore, Karnataka, 560064

ranjan.rakesh51@gmail.com | [rakesh1251.github.io](https://github.com/rakesh1251) | linkedin.com/in/rakesh-mallik | +91-7795583974

Professional Summary

Data-driven professional skilled in Python, SQL, Excel, Power BI, and Tableau with experience in data analysis, business insights, and predictive modeling. Proficient in data cleaning, exploratory data analysis, business problem-solving, and presenting actionable insights through dashboards and reports. Adept at solving real-world problems through EDA, machine learning, and data storytelling to support decision-making.

Technical Skills

Data Analysis & Visualization: Excel, Power BI, Tableau, Pandas, NumPy, Matplotlib, Seaborn, 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 Analytics Trainee Feb 2025 - Present

Besant Technologies - Bangalore, India

- Analyzed business datasets using Python and SQL to uncover trends and improvement areas.
- Conducted EDA to support decision-making and identify key performance metrics.
- Built dashboards using Power BI and Tableau to visualize insights for team, improving decision accuracy by 15%.
- Assisted in developing machine learning models to enhance data-driven strategies.
- Collaborated with team members to communicate analytical findings and create data-driven reports.

Projects

Bankruptcy Predictor App Python, Jupyter Notebook, XGBoost, SHAP, Streamlit, Hugging Face

Built a financial risk prediction model using XGBoost and financial ratios. Added SHAP-based interpretability to explain model outcomes and deployed in Hugging Face using interactive Streamlit app for end-user predictions.

Taxi Fare Predictor Python, Jupyter Notebook, Scikit-learn, Streamlit, FastAPI, Render

Developed a regression model to predict taxi fares using date/time and geolocation features. Performed EDA and feature engineering, and deployed the model using Streamlit with a FastAPI backend on Render.

E-commerce Sales Dashboard Power BI, Excel, DAX, Power Query

Built an interactive Power BI dashboard to analyze e-commerce sales by category, region, and time period. Used DAX to calculate KPIs, added filters for user exploration, and visualized trends to support business decisions.

Retail Sales Dashboard Excel, Pivot Tables, Charts, Data Validation, Slicers

Built an interactive Excel dashboard to track monthly sales, customer segments, and product performance. Used pivot tables, slicers, and conditional formatting to enable dynamic reporting.

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