

RAKESH RANJAN MALLIK

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PROFILE 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 SKILL

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

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

- 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

Khwopa Engineering College, Purbanchal University, Kathmandu

CERTIFICATION

Data Science Essential Training by Besant Technologies [JAN 2025]

Google Data Analytics [APR 2025]

www.coursera.org/account/accomplishments/specialization/certificate/HX11GG6C2GWT

Google Advanced Data Analytics [JUN 2025]

www.coursera.org/account/accomplishments/specialization/certificate/SC055HCQWDEZ