

Raihankhan Malek

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PROFILE

Data Analyst with strong foundations in Artificial intelligence, Machine Learning, Neural Networks, and Deep Learning, experienced in Python (Pandas, NumPy, Scikit-learn), SQL, Power BI, Tableau, Excel, TensorFlow, and statistical modeling. Skilled in building data pipelines, predictive models, behavior-based recommendation systems, and KPI dashboards to drive data-driven business decisions.

EXPERIENCE

Data Analyst Intern

The Skillians

July 2025 - Current

Remote

- Performed exploratory data analysis (EDA) and statistical analysis on user interaction data to identify product issues and optimization opportunities, contributing to a 10% improvement in user adoption.
- Designed and implemented a behavior-based recommendation system that suggests audio, text, and video content based on customer usage patterns, engagement history, and preferences.
- Built predictive models using Scikit-learn to forecast user behavior and churn probability, enabling data-driven recommendations that reduced churn risk by 12%.

PROJECTS

Heart Disease Prediction | Python, Pandas, NumPy, Scikit-learn, Streamlit

[Demo](#) | [GitHub](#)

- Built a Logistic Regression ML model using Python and Scikit-learn, achieving 87% accuracy on 300+ patient records.
- Developed an end-to-end ML pipeline including data preprocessing (Pandas), model training (Scikit-learn), and deployment using Streamlit.
- Improved diagnostic reliability with 87% accuracy, demonstrating strong skills in data cleaning, feature engineering, and model tuning.

Super Store Analysis | SQL, Power BI, Excel

[GitHub](#)

- Performed SQL-based data analysis with 20+ complex queries involving aggregations, joins, RFM analysis, CTEs, and window functions.
- Identified the top 10 high-profit customers and analyzed the impact of discounts to optimize profitability.
- Created Power BI dashboards and delivered data-driven business recommendations for product mix, shipping strategy, and regional promotions.

Telco Customer Churn Analysis | Python, SQL, Tableau, Power BI

[GitHub](#)

- Conducted EDA and SQL analysis to identify churn patterns based on tenure, contract type, and payment methods.
- Cleaned and processed customer data using Pandas, Matplotlib, and Seaborn, improving data quality and insights.
- Designed 4+ interactive Tableau & Power BI dashboards to visualize trends and enable targeted retention strategies for business stakeholders.

EDUCATION

New LJ Institute of Engineering and Technology

B.E. in Computer Science

Ahmedabad, Gujarat, India

July 2020 – July 2024

SKILLS

Languages: Python, SQL

Visualization: Power BI, Tableau, Excel

Analytics: Statistical Analysis, Data Cleaning, ML, Predictive Modeling

Tools: Git, GitHub, Jupyter Notebook

Soft skills: Analytical Thinking, Problem-Solving, Attention to Detail

CERTIFICATIONS

IBM Data Science Professional Certificate | Microsoft Machine Learning Essentials | Google Data Analytics Certificate | BCG X Generative AI Fundamentals | IBM SQL Databases