

# 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

July 2025 - Current

The Skillians

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

Ahmedabad, Gujarat, India

B.E. in Computer Science

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