

HAFSA MOTIWALA

Data Scientist (Entry-Level)

Karachi, Pakistan | Remote

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SUMMARY

Entry-level Data Scientist with expertise in **Statistics, Python, SQL, and Machine Learning**. Experienced in **Exploratory Data Analysis (EDA)**, building, tuning, and stacking machine learning models, and communicating results effectively. Passionate about applying **data-driven solutions in business contexts** and continuously learning to grow professionally.

SKILLS

- **Programming & Data:** Python, pandas, numpy, Jupyter Notebook, Git (PowerShell)
 - **Data Analysis & Visualization:** EDA, matplotlib, seaborn, statistical analysis
 - **Machine Learning:** Regression, Classification, Model Tuning, Stacking
 - **Databases:** SQL
 - **Soft Skills:** Explaining results clearly, business-oriented insights
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EDUCATION

High School (Grades 9–12), Computer Science & Statistics Focus

- Chose **Computer Science** for Grades 9–12; specialized in **Statistics** in Grades 11–12
 - Achieved top performance in **Statistics**
 - Built practical **Data Science skills** through hands-on projects, Python, machine learning, and SQL
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PROJECTS

Churn Analysis EDA

Objective: Explore customer churn patterns and generate actionable insights.

Highlights: Conducted deep EDA using Python; visualized trends and patterns for business decisions; PDF report communicates insights and recommendations.

House Price Prediction

Objective: Predict house prices using regression models.

Highlights: Built regression models and performed feature analysis; applied tuning and evaluation to improve accuracy; PDF report communicates strategy and results.

Bank Term Deposit Classification

Objective: Classify customers likely to subscribe to a bank term deposit.

Highlights: Applied multiple classification models with tuning and stacking; communicated findings in PDF report for business understanding.

SQL Analysis Project

Objective: Extract insights from business data using SQL queries.

Highlights: Wrote SQL queries to answer business questions; documented results and recommendations in answers.md.

COMPETITIONS & PUBLICATIONS

- Participated in **Kaggle competitions** to practice and test skills
- Authored **Medium articles** on Data Science and Psychology topics