

**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.

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## 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.

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## **COMPETITIONS & PUBLICATIONS**

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