

# HANZALA SIDDIQE

**Analytics Enthusiast | Data Science | Problem-Solving**

[hanzasiddiqe83@gmail.com](mailto:hanzasiddiqe83@gmail.com)

+923223167377

[LinkedIn](#)

Nazimabad No. 05 Karachi Pakistan

## EXPERIENCE

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**DELOITTE**

**Forge**

**Data Analytics Job Simulation**

**June 2025**

- Created an interactive dashboard in Tableau to visualize and analyze telemetry data, enabling stakeholders to identify trends and performance metrics efficiently.
- Utilized data analysis techniques to explore client telemetry data, supporting business insights and operational decisions through visual storytelling.
- Enhanced Excel datasets with custom classifications, aiding in a forensic investigation into potential pay disparities and helping the team draw clear, data-backed conclusions.
- Demonstrated critical thinking and analytical skills by identifying anomalies and structuring raw data for client-facing analysis during simulated consulting tasks.

**Tata Group**

**Forge**

**Data Analytics Job Simulation**

**July 2025**

- Completed a job simulation involving AI-powered data analytics and strategy development for the Financial Services team at Tata iQ.
- Conducted exploratory data analysis (EDA) using GenAI tools to assess data quality, identify risk indicators, and structure insights for predictive modeling.
- Proposed and justified an initial no-code predictive modeling framework to assess customer delinquency risk, leveraging GenAI for structured model logic and evaluation criteria.
- Designed an AI-driven collections strategy leveraging agentic AI and automation, incorporating ethical AI principles, regulatory compliance, and scalable implementation frameworks.

## EDUCATION

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**HAMDARD UNIVERSITY**

**Karachi, Pakistan**

*Bachelor of Science in Software Engineering*

**2021-Present**

**PAKISTAN SHIPOWNERS' GOVERNMENT COLLEGE**

**Karachi, Pakistan**

*Intermediate in Pre-engineering*

**2019-2021**

**GALLANT PUBLIC SECONDARY SCHOOL**

**Karachi, Pakistan**

*Matriculation in Computer Science*

**2017-2019**

## SELECTED CERTIFICATIONS

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- **Google Analytics Certification:** Completing an industry-recognized certification focused on practical applications of data analytics from Google.

- **Power BI Data Modelling:** Power BI Data Modeling certification through Simplilearn, with the certification issued by Microsoft. This course will enhance my data analysis and visualization skills. It's a great opportunity to boost my expertise in Power BI.
- **Data Science and Analytics:** Data Science and Data Analytics certification through HP. By completing this course, I have learned about some leading data science and analytics practices, methodologies, and tools.
- **What is Generative AI:** Completing this course through LinkedIn Learning.
- **Python fundamentals:** Python fundamentals for beginners through Great Learning. This course is helping me build a strong foundation in Python programming.

## PROJECTS

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Crypto Market Analysis Dashboard Power BI Project

Data Science Salary Analysis (2020–2024) ([GitHub](#))

FIFA World Cup Power BI Dashboard | Self-Initiated Project

Lahore Qalandars PSL Analysis Dashboard | Power BI Project

From Ratings to Revelations: A Comprehensive Analysis of Restaurant Feedback in Karachi

Customer Churn Prediction ([GitHub](#))

Power BI Dashboard for Nestle first quarter dataset of 2025

Data Analysis and Forensic Technology Dashboard using Tableau

Client Profitability & Risk Dashboard for SaaS Companies ([GitHub](#))

## SKILLS

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• Data Analysis • SQL • Power BI • Python • MS Excel • Tableau • Pandas • Seaborn • ETL • Artificial Intelligence for Business • Google Colabs • Microsoft Power Query • KPI Dashboards • Data Migration • Data Mining • Data Warehouse • Statistical Data Analysis • Big Data • Data Modeling • Probability

## LANGUAGE

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English (Proficient)

Urdu (Native)