

Basit Faisal

<https://www.linkedin.com/in/basitfaisal/> | basitfaisal03@gmail.com | [Portf](#)

EDUCATION

Ghulam Ishaq Khan Institute of Engineering Sciences & Technology

Pakistan

Bachelor of Science in Data Science

2025

- CGPA: 3.85 (Dean's Honor List)
- Relevant Courses: (Data Structures, Artificial Intelligence, Data Science, Data Mining, Inferential Statistics, Data Warehousing & BI, Databases, Engineering Economics)

WORK EXPERIENCE

DAO PropTech

January 2025 - Current

Junior Data Scientist

- Pioneered the development of a Retrieval-Augmented Generation (RAG) chatbot, leveraging **Milvus** as a vector database and OpenAI's LLM to create an agentic solution (Lang-chain framework), increasing customer engagement by **25%** within the first quarter of deployment.
- Engineered Bayesian statistical models to analyze user activity across company platform, resulting in a **15%** increase in user-to-client conversion rates by designing targeted campaigns based on behavioral insights.

S&P GLOBAL

June 2024 - September 2024

Data Governance Intern (Market Intelligence)

- Enhanced data integrity by **30%**, deploying Python scripts on GCP to validate **50+** datasets and flag discrepancies.
- Increased content generation efficiency by **55%**, fine-tuning GPT-4 to generate **1000+** new and existing S&P index descriptions.
- Improved stakeholder decision-making by designing a dashboard for real-time tracking of **200+** datasets.
- Reduced search time by **40%**, standardizing index retrieval in S&P databases by integrating Bloomberg naming conventions.
- Achieved **1st** place in a global intern innovation challenge, enhancing data accessibility by **35%** through creating a Retrieval Augmented Generation (RAG) feature on **CapIQ** using GENAI.

CITI Bank

June 2023 - August 2023

Summer Data Analyst (Securities & Services Division)

- Amplified portfolio returns by an average of **20%**, developing 3 investment models.
- Elevated investment precision by processing and refining over **10** datasets.
- Reduced trade settlement discrepancies by **30%**, implementing accurate tracking using Excel Dashboards.
- Decreased time wastage by **30%**, creating tax reports in Excel using built-in functions.

Bank of Punjab

April 2023 - June 2023

Intern (Management Information Systems)

- Contributed to a projected revenue growth of **1M (PKR)**, leading cross-functional teams to launch and market 4 new products globally with a **75%** success rate.
- Drove company objectives, collaborating with cross-functional teams of **10+**.
- Boosted operational efficiency by **20%**, orchestrating SQL queries to yield critical insights for data-driven decisions.

LEADERSHIP EXPERIENCE

United Nations Development Program

August 2021 – November 2021

Research Volunteer

- Administered research on waste management systems in **5+** Asian countries.
- Collaborated with a team of **20** volunteers to create a sustainable global waste management system.

SKILLS & INTERESTS

Skills: Quantitative modeling, Python, SQL, R, Machine Learning, Data visualization (PowerBI, Tableau), Cloud computing (AWS, GCP), Statistical analysis (SPSS, SAS), MS Excel (Data Modeling, Pivot-Tables), Big Data technologies (Hadoop, Databricks), Docker, Git/Github.

Interests: Financial markets, Quantitative research, Data-driven decision making, Economic trends, Algorithmic trading.