



# MOHD SABIR SHAIKH

Senior Data Analyst – FinTech | Advanced Analytics | Automation

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Riyadh, Saudi Arabia

Iqama: Transferable | Available for Immediate Joining

Check my portfolio

Senior Data Analyst with 6+ years of experience in **financial analytics, risk modelling, automation, and reporting** across FinTech and Private Equity domains. Expert in **Python, SQL, Power BI, and VBA**, with a strong track record of improving reporting efficiency, enhancing data quality, and delivering actionable insights for decision-makers. Skilled in building data pipelines, predictive models, and KPI dashboards that accelerate regulatory and financial processes.

## SKILLS

- **Programming Languages:** Python, SQL, Pandas, NumPy, Excel (Advanced), VBA, Git, Jupyter, VS Code, Google Colab
- **Data Visualization & BI Tools:** Power BI, Tableau, Power Query, DAX, Matplotlib, KPI Dashboards, Dashboard Reporting
- **Data Analysis & ML:** Regression, Classification, Clustering, Model Evaluation, Time-Series Analysis, EDA, Feature Engineering
- **Data Engineering:** ETL Pipelines, Data Validation, Data Warehousing Concepts, API Integration, Cloud Basics
- **Business & Financial Expertise :** Fund Accounting, Risk Analytics, Financial Reporting, Compliance Reporting, Performance Analysis, Data Governance

## WORK EXPERIENCE

2023 March – present

### SS&C Technologies, Senior Data Services Associate

A global leader in fund administration and financial analytics.

- Analyzed and managed large-scale financial datasets to support fund accounting, NAV reporting, risk analytics, and compliance.
- Automated monthly, quarterly, and annual reporting using Python & SQL, reducing manual workload by 40%.
- Developed ML-based predictive models to enhance risk scoring, anomaly detection, and reporting accuracy.
- Designed Power BI/Tableau dashboards to visualize fund KPIs, expense trends, cashflows, and risk metrics.
- Built VBA tools and Python scripts for automated reconciliation, data validation, and performance reporting.
- Optimized SQL queries and data workflows, improving data retrieval speed and reducing processing delays.
- Supported client onboarding by building efficient data integration workflows and dynamic reporting templates.
- Collaborated with compliance teams to streamline regulatory filings, improving turnaround times for year-end and quarterly reports.

#### Key Achievements

- Cut financial reporting cycle from 4 days to 1.5 days using Python-based automation.
- Increased data accuracy by 30% through SQL pipeline optimization and validation scripts.
- Automated 20+ manual workflows, saving 100+ hours per month across teams.

2019 January –  
2023 March

### **Morningstar Pvt Ltd, Data Research Analyst**

- Managed and processed large financial datasets for investment analytics and procurement intelligence.
- Performed statistical analysis, time-series modelling, and financial data validation using SQL & Excel.
- Built dashboards for performance trends, KPI tracking, and procurement insights.
- Worked with DevOps teams to enhance internal data pipelines and storage systems.
- Participated in data governance, privacy, and compliance processes.
- Conducted ad-hoc analysis to support senior stakeholders in decision-making.
- Led initiatives to improve data accuracy, consistency, and process efficiency.

### **Key Achievements**

- Successfully implemented Procurement Business Intelligence system used across the department.
- Reduced manual reporting efforts by 30% using VBA automation.
- Improved data accessibility by leading storage & retrieval optimization.

## **PROJECTS**

### **Historical Data Analysis Project**

- Led a team of 6 in cleaning, validating, and integrating datasets from 25+ global stock exchanges.
- Built automated Python-based reporting workflows, reducing reporting time by 40%.
- Tools: Python, Pandas, NumPy, SQL, Excel

### **Data Integration & Automation Project**

- Designed data pipelines for multi-source reconciliation and validation.
- Automated reporting and reconciliation tasks using VBA + Python, improving accuracy and speed.

### **VBA Workflow Automation**

- Created VBA tools for automated reporting, QC checks, and monthly/quarterly workflows.
- Eliminated hours of manual work and reduced error rates significantly.

## **EDUCATION**

2015 June – 2018 April

**Bachelor's In Commerce (B.commerce), University Of Mumbai**

2023 January – Present

**Certified Data Scientist (Pursuing), 365DataScience, Bulgaria**

2025 January – Present

**(BS) Degree in Data Science and Applications, IIT Madras**  
(Currently Pursuing)

## **CERTIFICATES**

**Database & SQL for Data Science - IBM**

**Python - 365DataScience**

**Statistics - 365DataScience**

**Australian Education and Skills Assessment ↗**  
VETASSESS, 2023

## **LANGUAGES**

• English

• Hindi

• Urdu

## **LETTER OF RECOMMENDATION**

**Morningstar India – Download Here ↗**

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