MOHD SABIR SHAIKH

Senior Data Analyst — FinTech | Advanced Analytics | Automation

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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** (Curently 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

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https://drive.google.com/file/d/1KxDs7O_ruQjHlRCvk2hjG9t9tTWgj0uq/view?usp=sharing ⃠