Arushi Mittal

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Professional Summary

Quant analyst and automation professional with 5+ years of experience delivering measurable operational impact across financial and enterprise teams. Proven track record building scalable reporting and workflow solutions using Python, SQL, Tableau, Power BI, Alteryx, and Snowflake to improve data quality, accelerate decision-making, and reduce manual effort. Experienced in partnering across operations, risk, and technology teams to translate ambiguous business problems into practical, production-ready analytics aligned with measurable business outcomes and execution timelines.

Target Roles: Data Analyst, Business Intelligence Engineer, Analytics Program Manager

Professional Experience

JP Morgan Chase & Co. — August 2022 – Present

- **Automated FCIP Step Change and e-Oscar ingestion workflows in Python**, eliminating manual work-item updates, reducing manual effort by **1 hour/day**, and delivering capacity equivalent to **11 FTEs**.
- **Built Alteryx controls alerting and Tableau break-fix dashboards**, improving operational risk visibility, stakeholder accountability, and root-cause-driven incident reduction.
- **Supported migration of 10+ reporting inventories to Snowflake**, partnering with business and technology teams on setup, triage, and post-migration validation.
- **Produced executive-ready KPI updates and performance summaries**, improving leadership visibility into control health, issue trends, and delivery progress.

Dematic — July 2021 – August 2022

- **Analyzed SQL/Snowflake data to deliver regional reporting**, improving accuracy and **boosting reporting efficiency by 15%**.
- **Built Power BI capacity and project performance reporting**, contributing to **20% higher cross-regional effectiveness** and **25% lower project delays/cost overruns**.
- **Partnered with regional stakeholders** to standardize reporting definitions and improve consistency of planning and operational metrics.

Earlier Experience: Formlabs, Accenture — 2016 – 2021

- Built ETL/reporting solutions with SQL, Redash, Tableau, and Salesforce automation; improved finance visibility, reporting consistency, and service operations efficiency across teams.

Selected Projects

- **Policy & SOP Copilot** (GitHub Repository)
  - Built an AI-powered assistant using Python, FAISS, OpenAI API, and Streamlit to answer natural-language questions over enterprise documents with grounded responses and source citations.
  - Developed an end-to-end RAG pipeline for PDF extraction, chunking, semantic retrieval, and LLM-based answer generation to improve response relevance and traceability.

Technical Skills

Languages	Python, SQL
BI & Visualization	Tableau, Power BI, Excel (Pivot Tables, Dashboards)
Data Platforms	Snowflake, Salesforce, Redash
Automation	Alteryx Designer (ETL), Selenium, API Integration, Jupyter Notebooks
AI / Productivity	Prompt Engineering, LLM-assisted reporting
Collaboration	JIRA, Confluence, Microsoft Office Suite
Strengths	Stakeholder communication, process improvement, cross-functional execution, data storytelling

Education & Certifications

Education	MS in Business Analytics, University of Texas at Dallas; B-Tech in Information Technology, Madhav Institute of Technology and Science
Certifications	Alteryx Foundation Micro-Credential (2022), Alteryx Designer Core (2023), OpenAI Certification via DataCamp (2025)