

## Umair A. Tareen

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### SKILLS

**Advanced Analytics & Reporting:** SQL, Python

**Data Visualization:** Tableau, Power BI, SAP Business Objects, SAP Analytics Cloud

**Cloud Data Technologies:** AWS S3, AWS Lambda, DynamoDB, Databricks, Snowflake, Azure

**ETL & Data Modeling:** Apache Airflow, Apache Spark, Alteryx, Shell Scripting

### EDUCATION

Quinnipiac University | MBA in Chartered Financial Analyst | GPA 3.7 | Graduation Date: 2017

New York Institute of Technology | BS Sciences | Graduation Date: 2010

### CERTIFICATIONS

- Azure AI-900: Microsoft Certified: Azure AI Fundamentals
- Databricks Platform Administrator Certified
- Databricks Lakehouse Fundamentals
- Databricks Generative AI Fundamentals
- Oracle Cloud Infrastructure Generative AI Professional
- Oracle Cloud Data Management Certified Foundations Associate
- Oracle Cloud Infrastructure AI Certified Foundations Associate

### EXPERIENCE

#### Nomura Securities

New York, NY

VP Regional Lead, US Corporate Business Intelligence Team

11/22 – Present

- Developed executive dashboards using SAP Business Objects and Power BI, which shifted the focus of all Operations towards analytics. This led to real-time operational insights, enhanced KRI reporting, and the establishment of a system where KRIs were tracked, monitored, and documented for future analytics and reporting, significantly improving decision-making processes and strategic planning
- Managed the integration of multiple data sources using ETL processes with Apache Airflow and data warehousing with Snowflake and Oracle, ensuring data quality, consistency, and reliability by implementing data validation and cleansing methodologies.
- Developed and implemented HR analytics strategies, using Tableau to visualize key performance indicators, employee trends, and workforce insights. Created dashboards capturing turnover rates by ethnic background, reasons for leaving (bank vs. other industries), and headcount relationships. Included a block leave monitoring feature to prevent unauthorized access, reducing turnover rates by 15% and improving employee satisfaction scores by 20%.
- AI and Chatbot Development: Led the development of a chatbot with an admin cockpit dashboard for regional leads, providing real-time visibility into ETL loads, batch job delays, and KRIs/KPIs. This initiative improved operational efficiency by 35% and enhanced data monitoring capabilities.
- Implemented ARM (Advance Risk Management) principles to set up alerts and thresholds within the Power BI dashboard for FOS. This strategy proactively detected potential rogue trader activities, preventing potential losses of up to \$10 million and guaranteeing timely intervention and risk mitigation by identifying and addressing suspicious activities early.
- Microsoft Fabric Analytics: Utilized Microsoft Fabric Analytics to enhance data visualization and reporting, leading to a 30% improvement in data analysis speed and accuracy. Implemented AI-driven insights to forecast trends and optimize financial strategies.
- Facilitated and Led report rationalization efforts, with a span of 3 months successfully decommissioned 7.7% reduction and consolidating similar reports with the same KPIs or KRIs by entity with a total reduction by 25% resulting in streamlined reporting processes and reduced redundancies

#### Adobe Systems

New York, NY

Data Engineer

04/22 – 11/22

- Optimized SQL and ETL workflows to automate critical KPI reports (ARR, RBOB, ASV) for Adobe suite products, slashing report generation time for program managers from hours to minutes and enhancing decision-making across teams.
- Improved overall decision-making by designing and developing Power BI dashboards being utilized within the top 1% of Adobe
- Designed and developed Power BI dashboards for executive-level QBRs, streamlining decision-making

#### **MUFG Securities of America**

New York, NY

Vice President Data Analytics

01/16 – 02/22

- Standardized BI solution support, collaborating with stakeholders for issue resolution, resulting in improved response times and a 30% increase in user satisfaction.
- Built a data-driven culture by mentoring BI staff and providing leadership to develop a global Reporting team, leading to a 40% improvement in reporting accuracy and efficiency
- Managed data warehousing, ETL development, and data modeling for regulatory and subledger reporting, ensuring compliance and operational efficiency.
- Co-managed an interdepartmental forensic analytic initiative at the request of the CFO to isolate sources of leaks in excess of \$3M in recurring revenue, enhancing revenue integrity and operational transparency.
- Played a key role in designing the Balance Sheet monitoring segment, aiding in P&L sign-off and developing KPI-driven Business Objects visualizations for executive decision support.
- Developed and maintained data models for major data warehouses, including Oracle General Ledger and Cloud environments, ensuring efficient regulatory and subledger reporting.
- Demonstrated expertise in SQL query tuning, troubleshooting, and creating repository and security domains with comprehensive user access management, improving system performance by 35%.
- Automated data workflows using Apache Airflow, Python, and shell scripting for AWS S3, DynamoDB, and Snowflake, reducing data processing time by 50%.
- Utilized Alteryx for data preparation and Tableau for creating impactful financial visualizations, leading to a 20% cost reduction in firm-wide operations.

#### **PREVIOUS EXPERIENCES:**

Nov 2014 – Dec 2015 - Sr. Business Intelligence Analyst; BWISE Nasdaq Company (Now known as SAI Global)

Feb 2014 – Sep 2014 - Data Engineer; WWE – World Wrestling Entertainment; Stamford, CT

Aug 2013 – Dec 2013 - Business Intelligence Consultant; Axis Reinsurance; New York, NY

Jan 2013 – Aug 2013 - Business Intelligence Consultant; Q-Perior Consulting; New York, NY

Apr 2010 – Jan 2013 - Technical Training Instructor; Communication Bridge; New York, NY

Apr 2011 – Oct 2012 - Technology Analyst; Infosys Consulting; New York, NY

Feb 2010 – Feb 2011 - Business Intelligence Developer; JP Morgan Chase & Co; Kansas City, MO

Jun 2008 – Jan 2010 - Data Analyst; ESPN; New York, NY