

Lokesh Bollini

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Summary

Data Analyst & Business Intelligence Specialist with 4+ years of experience (including Amazon) transforming data into actionable insights at scale. Proven expertise in SQL, Tableau, and ETL automation—yielding up to 74% efficiency improvements and reducing fraud by over 25%. Recognized for proactive problem-solving, ownership, and high standards (Amazon Spot Award recipient).

Education

University at Buffalo, Master of Science, Management Information Systems (GPA: 3.93/4.00)

June 2024

Technical Skills

Databases & Tools: Python; R; SAS; SQL (Microsoft SQL Server, MySQL); NoSQL (MongoDB); Snowflake; Oracle Cloud; Apache Spark; Excel (Power Pivot, VLOOKUP); VBA macros; Tableau; Power BI; AWS QuickSight; Visual Studio

ETL & Cloud Tools: Talend; AWS Glue; AWS Redshift; Amazon S3; Amazon EC2; SSIS; Informatica

Project & Compliance Analytics: Jira; Trello; Git; SDLC; Agile/Scrum; SOX; PCI DSS

Certifications: AWS Certified Data Analytics (in progress); Google Data Analytics - [Google](#); Snowflake (Data Warehouse) - [Snowflake](#)

Work Experience

Amazon – Business Operations Specialist

Feb 2021 - May 2023

- Reduced fraudulent transactions by 26% across Amazon's NA/EU marketplaces through exploratory data analysis (EDA) of seller trends in AWS QuickSight, protecting over \$850M in annual revenue.
- Optimized SQL scripts to identify top 1,000 high-risk SKUs for policy audits, cutting abuse incident rates from 3.2% to <1% while ensuring PCI DSS compliance and maintaining customer trust.
- Analyzed data on 5M+ active sellers across 25K+ product categories to guide compliance and risk teams, achieving a 30% decrease in valid infringement notices submitted by brands.
- Automated assignment allocation with VBA macros, reducing average handling time (AHT) by 44% (from 14 minutes to 8 minutes).
- Collaborated with cross-functional teams in an Agile environment to deliver weekly KPI dashboards and real-time updates via SharePoint.

University at Buffalo – Research Assistant

Sept 2024 - Present

- Analyzed data from 25+ research papers to identify trends in large language model (LLM) ethics, generative AI, and data analytics, contributing to comprehensive academic reports.
- Presented actionable insights in weekly reports and meetings to inform the university's business and technology initiatives.

Third Estate Analytics – Data Analyst

Feb 2024 - May 2024

- Enabled 60% faster decision-making by developing a Random Forest-based risk-ranking model using Python and SQL to identify profitable renovation opportunities.
- Centralized disparate data sources into a SQL data warehouse via an end-to-end ETL pipeline and validation scripts, reducing analysis time by 78% and cutting reporting errors by 5%.
- Built an interactive Tableau dashboard to categorize property risk levels, enabling leadership to strategically allocate budgets.

Yantai Eddie Co. – Business Analyst

Sept 2019 - Sept 2020

- Streamlined financial reporting by using SQL queries and Power BI dashboards, reducing reporting time by 40%
- Developed data models and data dictionaries to integrate CRM, COM, and data from 5+ other systems, improving data accessibility and consistency across the organization.
- Mentored two interns in data standardization and conducted knowledge transfer sessions, enhancing their understanding of workflows and boosting team productivity by 25%.

Inch Factory – Business Analyst

Oct 2018 - May 2019

- Improved inventory forecasting accuracy by 25% by analyzing sales trends with SQL-extracted data and Excel (pivot tables, VLOOKUP) to track key metrics.
- Created Power BI dashboards for 10+ key performance indicators (KPIs) on user behavior and business performance.

Academic/Personal Data Projects

- Automated Reporting System** (Talend, SQL, Python, Tableau) – Developed and deployed a robust ETL pipeline using Talend and Python scripts (scheduled via Windows Task Scheduler) to automate reporting, eliminating 200+ hours of manual work per month and standardizing data processing.
- Retail Analytics System** (MySQL, ETL, Star Schema, Tableau) – Designed and implemented a MySQL-based retail data warehouse (star schema) with an ETL process, enabling faster data retrieval and dynamic Tableau dashboards for business insights.

Research Publication

Modernizing Legacy Systems (Oct 2024) – Research publication focusing on data governance and SOX compliance for data migrations.

Leadership and Awards

- Led a team of 4 to the New York Business Plan Competition (NYBPC) state finals, selected from 340 teams across 58 universities.
- Awarded Amazon Spot Award for improving standard operating procedures (SOPs) and process efficiency.