

Shilpa Karedla Data Analyst

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Summary

Results-driven Data Analyst with over 4 years of experience in banking and logistics domains. Adept at leveraging tools like Power BI, Tableau, SQL, Python, Glue, and ADF to develop interactive dashboards and data models that drive business decisions. Proven ability to collaborate with stakeholders, document requirements, and optimize reporting processes for efficiency. Strong background in cloud-based data integration, performance optimization, and visual storytelling through analytics dashboards.

Technical Skills

- Languages & Scripting:** SQL, Python, JavaScript
- Data Analysis & BI Tools:** Power BI, Tableau, Excel (VLOOKUP, Pivot Tables), A/B Testing, KPIs, DAX, Data Modeling
- ETL & Data Engineering:** Azure Data Factory (ADF), AWS Glue, Power Query, Apache Spark
- Databases:** SQL Server, PostgreSQL, MongoDB, AWS RDS
- Cloud Platforms:** AWS (EC2, S3, Glue, RDS), Azure (Data Factory, SQL, DevOps)
- CI/CD & DevOps:** Jenkins, GitHub Actions, Azure DevOps
- Soft Skills:** Documentation, Stakeholder Collaboration, Performance Optimization
- Version Control & Collaboration:** Git, GitHub, JIRA, Confluence

Professional Experience

Data Analyst, M&T Bank 06/2024 – Present | Remote, USA

- Collaborated in Agile teams to enhance the Online Banking Dashboard used by over 500,000 retail banking customers.
- Designed and delivered 50+ Power BI dashboards for banking executives, tracking key metrics such as transaction volumes, fraud detection, and customer behavior.
- Collaborated with stakeholders to define KPIs and streamline business reporting pipelines, reducing manual reporting efforts by over 20%.
- Built ETL workflows using AWS Glue and SQL to automate data ingestion from multiple sources into RDS.
- Performed in-depth data analysis to identify customer trends, increase engagement, and improve financial product targeting.
- Reduced reporting latency by 25% through SQL query optimization and implementation of materialized views.
- Created visual data stories to communicate complex financial insights clearly across technical and non-technical audiences.
- Worked closely with compliance teams to ensure accurate reporting and adherence to industry regulations.
- Developed Python scripts to automate data validation and data cleaning process such as deduplication and checking data consistency using Pandas and Apache Airflow.

Associate Data Analyst, Federal Express Corporation AMEA 01/2020 – 07/2023 | Hyderabad, India

- Created 100+ dashboards and reports using Tableau and Power BI, enabling real-time shipment tracking and SLA performance monitoring.
- Designed metrics for A/B testing, creating dashboards in Tableau to monitor test processes, analyzing test results, interpret and give recommendations to stakeholders.
- Extract data of support tickets, work on Data cleaning, analyse results using statistical techniques with Advanced MS Excel (Pivot table, VLOOKUP) as well as MS Power BI (DAX queries).
- Used Azure Data Factory to extract and transform large datasets from multiple logistics systems into centralized models.
- Conducted statistical analysis and predictive modeling to identify delivery bottlenecks and suggest route optimizations.
- Partnered with stakeholders to document dashboard requirements, improving data-driven decision-making across global logistics teams.
- Developed SQL-based reporting solutions to reduce turnaround time for performance reporting by 30%.
- Analyzed delivery data to generate weekly KPIs for management, including on-time delivery, exception rates, and capacity utilization.
- Enabled proactive decision-making by setting up real-time alerts for shipment delays and SLA breaches.
- Facilitate sprint planning, manage backlog, bug triage and prioritize features using JIRA and Azure Devops.

Education

Master of Science (M.S.) in Information Technology and Management 08/2023 – 12/2024 | Florida, USA

Florida Atlantic University

Bachelors in B.COM Computer Science

06/2019 - 05/2022 | Hyderabad, India

ST Francis College for Women