Abhishek Saraf

Data Analyst / Senior Data Analyst
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SUMMARY

I'm a Senior Data Analyst with over four years of experience delivering business analysis, KPI reporting, and data-driven insights across banking and healthcare. Currently at U.S. Bank, I support $100M+ portfolios, improving forecasting accuracy by 25% and reducing manual reporting by 60%. Previously at Abbott, I worked on large-scale healthcare and operational data to improve reporting accuracy and compliance. I also hold a Master's degree in Data Science.

SKILLS

Tools & Methodologies: Tableau, Power BI, Qlik, Looker
Data Analytics & Statistics: KPI Analysis, Descriptive Analytics, Predictive Analytics, Prescriptive Analytics, A/B Testing, Hypothesis Testing, Regression, Time-Series Forecasting
Programming Languages: Python, SQL, R, Scala, SAS
Databases: SQL Server, MySQL, MS-Excel, Hadoop, Teradata, Snowflake, MongoDB, Cosmos DB
Machine Learning & GenAI: Machine Learning, Classification, Regression, Clustering, Anomaly Detection, LLMs, Prompt Engineering, RAG Pipelines, Natural Language to SQL
Cloud Analytics Databases: Microsoft Azure, AWS, GCP, Azure Synapse, Azure Blob Storage, Azure Key Vault, AWS S3, AWS Glue, Google Cloud Storage
ETL Tools: Apache Airflow, Apache Spark, Azure Data factory, Informatica, AlteryX, Databricks, Hadoop

WORK EXPERIENCE

Neurasol, Inc | Data Analyst **Sept 2024-May 2026**

- Performed risk and performance analytics on large-scale banking datasets, supporting credit risk assessment, transaction monitoring, and enterprise KPI reporting across multiple business units.
- Designed and optimized complex SQL and Snowflake queries on 500M+ records, significantly improving query performance, report execution time, and ad-hoc analysis efficiency.
- Built, maintained, and monitored ELT pipelines using Azure Data Factory, dbt, and Apache Airflow, integrating relational, cloud, and API data sources to improve data freshness SLAs by 40%.
- Developed KPI marts and dimensional data models using Star and Snowflake schemas, enabling accurate executive dashboards and regulatory reporting while reducing data reconciliation issues by 35%.
- Designed and delivered interactive BI dashboards using Power BI, Tableau, and Qlik, enabling self-service analytics and reducing manual reporting requests by 60%.
- Conducted advanced statistical and time-series analysis to identify risk trends and improve KPI forecasting accuracy by 25%.
- Implemented data quality and governance controls including validation, reconciliation, lineage, and metadata management, aligned with SOX, PII, and internal risk standards, increasing data accuracy by 30%.

Abbott, India | Data Analyst **Jan 2019 - Dec 2022**

- Analyzed large-scale healthcare, clinical, and manufacturing datasets hosted on AWS cloud platforms, supporting operational, quality, and supply-chain KPIs with measurable improvements in reporting accuracy and business insights.
- Designed, developed, and optimized SQL and Python-based analytics workflows on Amazon Redshift and PostgreSQL, processing 200M+ records and reducing query execution time by 40%.
- Built and supported AWS-based data pipelines using AWS Glue, S3, Lambda, and Step Functions, improving data ingestion reliability, availability, and end-to-end pipeline performance.
- Developed and maintained data warehouse schemas and analytics datasets in Amazon Redshift, enabling standardized KPI reporting and improving cross-team data consistency by 30%.
- Created interactive BI dashboards and visualization reports using Tableau, Power BI, and Qlik, delivering self-service insights for clinical operations, quality assurance, and manufacturing teams.
- Performed healthcare analytics and statistical analysis, including trend analysis, variance analysis, utilization analysis, and time-series forecasting, to support demand planning and improve operational KPIs by 20–25%.
- Implemented data governance and compliance controls for healthcare data on AWS, including HIPAA, PHI, and PII protections, data validation rules, encryption, and audit logging to improve audit readiness.
- Supported big data processing workloads using Apache Spark and AWS EMR, optimizing batch analytics jobs and improving performance across high-volume clinical and operational datasets.
- Automated recurring healthcare KPI reporting and data quality checks using Python, SQL, and AWS scheduling services, reducing reporting turnaround time and manual effort by 45–55%.

EDUCATION

PhD in Data Science
Southwest Baptist University

Master's in Data Science
The University of Texas at Arlington, Arlington, TX