

BHRUGU RAVAL | SENIOR DATA ANALYST

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Professional Summary

- Results-driven Data Analyst with **4+ years of experience** delivering data-driven solutions in **banking, financial services, and insurance domains**.
- Proficient in building **scalable data pipelines** using Azure Synapse, PySpark, SQL, and Data Lake to support regulatory reporting, supervisory analytics, and risk assessments.
- Hands-on experience with **Azure & AWS** platforms, including Data Factory, Synapse, ADLS, Snowflake, and containerized deployments using **Docker/Kubernetes**.
- Proficient in transforming large, complex datasets into actionable insights for **risk, compliance, lending, customer analytics, and financial reporting**.
- Strong ability to collaborate with business stakeholders, gather requirements, and deliver **agile, production-ready** data solutions.
- Experienced in building **BI dashboards** using Power BI/Tableau, enabling business teams to make faster, data-driven decisions.
- Experienced in **data validation, cleansing, profiling, and governance**, ensuring accuracy and compliance with banking and regulatory standards.
- Skilled in working with **structured, semi-structured, and unstructured data**, building scalable pipelines using Airflow/DBT and cloud-native tools.
- Adept at writing optimized **SQL queries, data models, and automation scripts** to enhance operational efficiency and reporting accuracy.
- Hands-on exposure to supporting **machine learning deployments**, ETL/ELT automation, and production-grade data engineering processes.
- Known for proactive problem-solving, debugging complex data issues, and maintaining high standards in **testing, monitoring, and CI/CD** governance.
- A strong team player with excellent communication, analytical thinking, and a passion for building reliable data systems that support business growth.

Professional Summary

- **Methodologies:** Agile (Scrum), SDLC, Waterfall, CI/CD Practices
- **Databases:** Azure SQL, Microsoft SQL Server, MySQL, Snowflake, Redshift, BigQuery
- **Programming Languages:** Python (PySpark, OOP), R, SQL (T-SQL, PL/SQL)
- **Libraries & Packages:** Pandas, NumPy, Polars, Matplotlib, Seaborn
- **BI & Visualization:** Power BI (DAX, Power Query), Tableau, SSRS, Looker, ThoughtSpot, Advanced Excel
- **Data Modeling & Transformation:** dbt, Data Vault, Star Schema, Kimball, Power Pivot
- **Cloud Platforms:** Microsoft Azure (ADF, ADLS, Synapse, Databricks), AWS (S3, Redshift, Lambda)
- **Version Control & DevOps:** Git, GitHub, GitHub Actions, Jenkins
- **ETL / ELT & Data Integration:** Azure Data Factory, Databricks, Airflow, Power Query, Alteryx
- **Other Tools:** Jupyter Notebook, PyCharm, Jira, Confluence, Microsoft Fabric, GitHub Copilot, Power BI Copilot

Professional Experience

SENIOR DATA ANALYST

CITY Group, Toronto, CANADA

January 2023 – Present

- Managed day-to-day **data pipeline operations**, fixing failed jobs, optimizing PySpark scripts, and ensuring data landed correctly for regulatory reporting.
- Worked closely with business teams to **understand reporting gaps**, clarify data definitions, and update dashboards or data models as requirements evolved.
- Performed **root-cause analysis** on data quality issues, tracing problems back to source systems and implementing fixes in SQL, ADF, or Databricks.

- Built and enhanced **Power BI dashboards**, updating DAX measures and refreshing datasets to support ongoing financial oversight and audit needs.
- Developed and scheduled **ETL workflows** in ADF/Airflow, monitoring run times, improving performance, and automating manual data preparation tasks.
- Coordinated with cloud and DevOps teams to **deploy new dataflows**, test pipelines in lower environments, and push updates to production using CI/CD.
- Regularly validated large datasets, checking for **schema changes, duplicates, outliers, and compliance issues** before publishing reports.
- Engaged in daily stand-ups, providing updates on pipeline health, open tickets, blockers, and sprint deliverables in an Agile environment.
- Supported machine learning and analytics teams by preparing **feature-ready datasets**, documenting transformations, and managing data versioning.
- Created and maintained documentation including **data flow diagrams, pipeline runbooks, business rules, and operational procedures** for team knowledge sharing.

DATA ANALYST

Genious Infotech, Toronto, CANADA

January 2018 – December 2022

- Gathered, cleaned, and analyzed large datasets to identify meaningful trends and insights.
- Designed interactive dashboards and reports in **Power BI** and **Tableau** to support data-driven decisions.
- Worked closely with business teams to understand data needs and define key performance indicators (KPIs).
- Used **Python** (Pandas, NumPy, Matplotlib) to perform exploratory data analysis and visualize patterns.
- Developed and optimized complex **SQL queries** for data extraction, transformation, and reporting.
- Automated recurring reports and dashboards using **Excel (macros, pivot tables)** and **Power BI**, reducing manual effort and enhancing efficiency.
- Automated repetitive reports and workflows, improving efficiency and saving manual effort.
- Performed **A/B testing** and statistical analyses to measure product performance and guide enhancements.
- Created clear documentation for data pipelines, models, and business logic to ensure transparency.
- Applied rigorous validation and cleaning techniques to maintain high data accuracy and integrity.
- Shared insights through engaging presentations and concise reports for stakeholders and leadership teams.

Education

Computer Programming

Algonquin college, ON, Canada | January 2016 to December 2017

College Diploma in Information Technology

Nirma University, Ahmedabad, Gujarat | May 2012 – June 2015