

Rahul Agrawal

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SUMMARY

Snowflake developer with 3+ years of experience in Snowflake-based data warehousing and 9+ years of overall experience in analytics and data engineering. Skilled in designing scalable ELT pipelines, dimensional data modeling, and optimizing cloud data platforms for performance and cost efficiency. Strong background in SQL, Python, and business intelligence systems.

TECHNICAL SKILLS

Primary Skills: Snowflake (Virtual Warehouses, Streams, Tasks, Time Travel, Zero-Copy Cloning), Advanced SQL (MERGE, Window Functions, Query Optimization), Data Modeling (Star & Snowflake Schema), ELT Pipeline Development, Python

Secondary Skills: PostgreSQL / SQL Server, Data Ingestion (COPY INTO, Internal & External Stages), Semi-Structured Data (VARIANT, JSON, FLATTEN), Performance & Cost Optimization (Clustering, Auto-Suspend, Warehouse Scaling), Power BI

Language: English, Hindi

PROFESSIONAL EXPERIENCE

Davis Index, Pune: Senior Data Analyst / Snowflake Developer

Feb 2023 – Present

- Developed and maintained Snowflake-based data warehouse supporting analytics across 30+ countries and 10+ commodities.
- Built scalable ELT pipelines using Snowflake SQL and Python for structured and semi-structured datasets.
- Implemented incremental loading strategies using Streams and Tasks, reducing processing time by 30%.
- Developed dimensional data models (fact & dimension tables) to support downstream BI reporting.
- Automated weekly and daily data refresh workflows using Snowflake Tasks.
- Improved data reliability through validation checks and automated reconciliation processes.
- Collaborated with analytics and editorial teams to develop dashboards

Davis Index, Pune: Data Analyst

Nov 2020 - Jan 2023

- Designed and maintained interactive dashboards and reports using Power BI, improving data visualization for **30+** countries across **10 commodities**.
- Developed and optimized ETL processes using SQL and Python to enhance data reliability in Power BI, cutting data processing time by **30%**.
- Managed Power BI dashboards and data models, expanding analytics coverage for multiple departments, resulting in a 15% increase in data-driven decision-making

BigMint Technologies Pvt Ltd (formerly SteelMint), Raipur: Sr. Research Associate

Jan 2017 – Oct 2020

- Developed and maintained Tableau visualizations to enhance international trade analysis for steel products.
- Played a key role in visualizing statistical data for SteelMint's website, increasing revenue by 20%.
- Generated monthly reports on import/export data using SQL and Tableau, improving data accessibility for business stakeholders.
- Reduced operational costs by identifying and integrating open-source data sources, minimizing reliance on paid subscriptions.

EDUCATION

Disha Institute of Management and Technology, Raipur

Aug 2014 – May 2016

- M.B.A (Finance & Marketing)

Disha Institute of Management and Technology, Raipur

Aug 2008 – May 2012

- Bachelor's in engineering (Electrical & Electronics Engineering)