

Isha Narkhede

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Summary

Data Analyst with 3+ years turning business requirements into **ETL pipelines**, **data models**, and **KPI dashboards** across **Snowflake**, **Power BI**, **Tableau**, and **Python**. Surfaced \$2.6M in claims risk across 14K+ records. Builds with **Claude** and **OpenAI APIs** for pipeline automation and LLM-powered reporting.

Experience

Aeronace Consultancy Services LLC

Sep 2025 – Present

Data Analyst (Contract)

Remote

- Delivered real-time visibility into 10+ operational KPIs by building **Power BI** dashboards on **Snowflake**.
- Cut average query runtime from 90 seconds to 10 by optimizing **SQL** and **Snowflake** data models.
- Flagged compliance risks in 50K+ records through automated **data quality** checks, driving remediation by leadership.
- Compressed a week of recurring reporting work into 2 days by shipping **LLM-powered** report automation on **Claude** APIs.

Dassault Systemes Global Services

Jan 2021 – Jul 2023

Data Analyst

Pune, India

- Enabled a 27% segment revenue lift by unifying product and sales data into **data models** powering 15+ KPIs.
- Freed teams from manual reporting with **ETL/ELT** pipelines, cutting refresh turnaround 40% across 5+ processes.
- Reduced reporting discrepancies 15% by tracing **data quality** failures across 500K+ **Snowflake** records.
- Improved event targeting ROI 35% with a **Python machine learning** audience model replacing manual segmentation.
- Trimmed delivery friction by translating cross-functional business needs into **Power BI** and **Tableau** specs.
- Recovered 10% platform efficiency by optimizing data aggregation in **Exalead CloudView** with engineering.

Projects

Healthcare Claims Operations & Revenue Risk Platform | *Python, SQL, dbt, DuckDB, Streamlit* [View Project](#)

- Surfaced \$2.6M in claims risk across 14,176 records via a 4-layer **dbt** pipeline with automated **data quality** checks.

Earnings Intelligence Analyst | *Python, Streamlit, ChromaDB, LlamaIndex, Claude Sonnet* [View Project](#)

- Prevented hallucination on financial figures by separating deterministic **KPI extraction** from probabilistic **LLM retrieval** in a **RAG** pipeline over 980 chunked passages in **ChromaDB**.

Spirit Airlines Shutdown Fare Impact Case Study | *Python, BTS DB1B, Google Flights* [View Project](#)

- Quantified fare impacts of Spirit's shutdown across its 20 busiest routes for 121K+ travelers by combining **BTS DB1B** ticket data with live **Google Flights** pricing, revealing an 8% average fare increase.

Education

University of Texas at Dallas

Aug 2023 – May 2025

Master of Science, Business Analytics and AI

Savitribai Phule Pune University

Aug 2017 – Apr 2021

Bachelor of Engineering, Computer Engineering

Technical Skills

Programming & Query: Python (Pandas, NumPy, Matplotlib), SQL; data manipulation and wrangling

Visualization & BI: Power BI (DAX, Power Query), Tableau, Advanced Excel (Pivot Tables, Power Query)

Databases & Warehousing: Snowflake, PostgreSQL, MySQL, Microsoft SQL Server, AWS (S3, Redshift), dbt

Analytics & Modeling: Data Modeling, Statistical Analysis, Predictive Analytics, Machine Learning, Regression

Data Practices: Data Governance, Data Quality, Data Validation, ETL/ELT Pipelines, KPI Reporting

AI Tools & Platforms: Claude APIs, GPT-4 (OpenAI API), RAG, LLM Orchestration, Cursor, GitHub Copilot

Certifications

Microsoft Power BI Data Analyst (PL-300) | Building with Claude APIs | Conversational AI