

Isha Narkhede

United States | (469) 350-6356 | ishajayant207@gmail.com | [linkedin.com/in/isha-narkhede](https://www.linkedin.com/in/isha-narkhede) | github.com/Isha2605

Education

University of Texas at Dallas

Master of Science, Business Analytics and AI

Aug 2023 – May 2025

Savitribai Phule Pune University

Bachelor of Engineering, Computer Engineering

Aug 2017 – Apr 2021

Experience

Aeronace Consultancy Services LLC

Data Analyst Intern (Remote)

Sep 2025 – Present

- Engineered SQL and Python ETL/ELT pipelines integrating data from **5+ systems**, improving reporting efficiency, workflow consistency, and scalability.
- Built interactive **Power BI dashboards** tracking **10+ KPIs**, improving visibility into operational performance.
- Analyzed **50K+ records** for compliance reporting, identifying anomalies, trends, and bottlenecks for business review.
- Optimized **20+ SQL queries** and Snowflake data models, accelerating ad hoc analysis and reporting turnaround.
- Standardized governance and validation workflows across pipelines, improving data integrity and reducing corrections.

Dassault Systèmes Global Services

Data Analyst

Jan 2021 – Jul 2023

Pune, India

- Spearheaded cross-functional collaboration to gather business requirements and deliver Tableau and Power BI dashboards tracking key KPIs, driving a **27%** increase in internal product line sales.
- Constructed scalable ETL/ELT pipelines to automate enterprise reporting workflows, reducing data refresh and reporting turnaround time by **40%** and improving operational efficiency across 5+ recurring analytics processes.
- Implemented a machine learning-based audience engagement model in Python to analyze webinar participation behavior, achieving a **35%** improvement in event engagement across internal marketing campaigns.
- Processed and analyzed 500K+ system log records using Snowflake and cloud platforms, identifying data quality issues and performance bottlenecks that improved reporting accuracy by **15%**.
- Optimized data aggregation processors within Exalead CloudView in partnership with engineering teams, conducting exploratory and trend analysis to improve platform processing efficiency by **10%**.

Technical Skills

Programming & Query: Python (Pandas, NumPy, Matplotlib), SQL, R, Java, HTML, CSS, Javascript

Databases: PostgreSQL, MySQL, Microsoft SQL Server, Snowflake

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

Statistical Analysis: A/B Testing, Descriptive Statistics, Hypothesis Testing, Regression Analysis, Time Series Analysis

Data Platforms & Tools: Snowflake, dbt, AWS (S3, EC2, Redshift), Git, GitHub, Jira, Confluence, Power Automate

Projects

AI-Driven CRM Analytics System | *Python, SQL, Machine Learning, MySQL*

[View Project](#)

- Developed a **MySQL** CRM analytics platform for **10,000+** customer and sales records using **SQL**.
- Trained **KNN** and **Feedforward Neural Network** models with **82%** accuracy for lead classification.

LLM-Powered Data Reporting & Insight Automation Tool | *Python, EDA, LLM, Streamlit*

[View Project](#)

- Built a **Python** analytics tool for **50,000+** rows with automated cleaning, validation, and profiling.
- Reduced manual analysis time by **60%** using EDA workflows and **LLM-based** insight generation.

Sales Performance Analytics Dashboard | *SQL, MySQL, Excel, BI Reporting*

[View Project](#)

- Analyzed **25,000+** sales records using **SQL joins**, aggregations, and **trend** analysis to identify revenue patterns.
- Designed an **Excel** dashboard tracking **6+** KPIs and cut reporting prep time by **40%**.

Certifications

Microsoft Power BI Data Analyst (PL-300) | Conversational AI | OpenCV using Python | Python 3 in 100 minutes