

SANDESH ARSUD

Chhatrapati Sambhajinagar, Maharashtra, India

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TECHNICAL SKILLS

Languages: Python, SQL (CTEs, Window Functions, Joins, Subqueries)

Databases: PostgreSQL, MySQL

Cloud & Data Platforms: Microsoft Fabric (Lakehouse, Warehouse, Dataflow Gen2), Databricks, AWS (S3, Athena, Glue), GCP (BigQuery)

BI & Visualization: Power BI (DAX, Power Query, Dashboard Design), Excel (Pivot Tables, VLOOKUP, Conditional Formatting)

Libraries: Pandas, NumPy, Matplotlib

EXPERIENCE

Data Science Trainee

Oct. 2022 – Apr. 2023

AlmaBetter

Remote

- Boosted data handling efficiency by **25%** by performing **EDA** using **Python (Pandas, NumPy)**, building core data analysis proficiency in a hands-on training environment.
- Cut query execution and analysis time by **20%** by applying **SQL** and **Python** to clean, transform, and query sample datasets through practical data analysis exercises.
- Designed interactive **Power BI** and **Excel** dashboards that improved data interpretation clarity by **30%**, visualizing insights and presenting findings in a training-based project setting.

Data Science & Business Analytics Intern

Feb. 2023 – Mar. 2023

The Sparks Foundation

Remote

- Analyzed **756+** records of a sports dataset using **Python (Pandas, Matplotlib)**, uncovering a key win-rate pattern where batting-first teams won **66.7%** of matches versus **33.3%** for bowl-first teams.
- Designed a **Power BI** dashboard to track revenue and profit across categories and subcategories, reducing manual reporting effort and enabling faster identification of high-performing segments.
- Evaluated peer project submissions and delivered actionable feedback during review cycles, improving overall analysis quality and consistency across the team.

PROJECTS

End-to-End Retail Sales Analytics | *Microsoft Fabric, Python, SQL, Power BI, DAX* | [Project Link](#)

- Engineered an end-to-end retail analytics pipeline processing **\$0.26M+** in sales data by ingesting raw CSV file into Microsoft Fabric Lakehouse, performing data preprocessing and feature engineering using **Python** (Fabric Notebook), and storing cleaned data as **Delta tables** for scalable querying.
- Built a robust **star schema**-based semantic data model with fact and dimension tables using **Dataflow Gen2**, defining relationships and enabling optimized querying through **SQL Analytics Endpoint** with **10+ advanced SQL queries** (CTEs, subqueries, window functions) for trend and performance analysis.
- Delivered a **Power BI** dashboard with **10+ DAX KPIs**, surfacing key metrics such as **\$281K profit**, **12.48% margin**, and regional/category performance identifying profit leakage in Office Supplies, **30% late deliveries**, and strong **Q4 seasonality** for actionable pricing and logistics decisions.

Walmart Sales Dashboard | *Power BI, Data Visualization* | [Project Link](#)

- Developed an interactive **Power BI** dashboard improving **KPI visibility by 40%** by analyzing **\$725K revenue** and **\$251K profit** across product lines and regions.
- Analyzed category-level performance to uncover profit drivers — identifying Binders generating **\$16.1K profit** vs Phones contributing **35% of total sales** through comparative visualizations in **Power BI**.
- Identified seasonal profit trends enhancing planning accuracy by **25%** by analyzing monthly data and highlighting December as the top-performing month with **\$13.26K profit**.

CERTIFICATIONS

Full Stack Data Science Certification – AlmaBetter

Google Data Analytics Professional Certificate – Coursera

Data Analyst Skill Certification – OneRoadmap

EDUCATION

International Centre of Excellence in Engineering and Management

Bachelor of Engineering – Electrical and Electronics

Chhatrapati Sambhajinagar, MH

Dec. 2021 – Aug. 2025

ACHIEVEMENTS

Earned **Gold Badge** in **SQL** proficiency on **HackerRank**, demonstrating advanced query-writing skills including complex joins, window functions, and query optimization.