

AVADOOCHA VISHALA

DATA ANALYST

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PROFESSIONAL SUMMARY

Entry-level Data Analyst skilled in SQL, Python, Power BI, Snowflake, and Tableau. Experienced in building cloud data pipelines, performing data transformation, and developing interactive dashboards using AWS and Snowflake.

PROJECTS

E-Commerce Sales Dashboard | SQL, Python, Power BI

- Designed star schema data model, improving reporting performance and scalability.
- Used SQL and Python (Pandas, NumPy) for data cleaning, transformation, and sales trend analysis.
- Developed interactive Power BI dashboard with DAX measures (YTD, MoM, Profit Margin) to identify top products, regions, and revenue drivers.

Energy Consumption Analytics Dashboard | AWS S3, IAM, Snowflake, Tableau

- Built end-to-end cloud data pipeline integrating AWS S3 with Snowflake using secure IAM roles.
- Performed data transformation and analysis using Snowflake SQL.
- Developed interactive Tableau dashboard using Snowflake data to visualize KPIs and trends.

TECHNICAL SKILLS

- Programming & Querying: SQL, Python
- Data Analysis: Pandas, NumPy, Statistics, EDA
- Visualization: Power BI, Excel, Matplotlib, Seaborn
- Other: Data Cleaning, Data Modeling, DAX
- Cloud & Data Warehouse: AWS S3, IAM, Snowflake

TOOLS

Power BI, Tableau, Snowflake, AWS S3, Excel, GitHub, VS Code

EDUCATION

B.Tech in Computer Science Engineering

JNTUH | Hyderabad, India

2021 – 2025

Intermediate – 2019 – 2021

SSC – 2018 – 2019

EXTRACURRICULAR & CERTIFICATIONS

Data Analytics Essentials - CISCO Networking Academy, Jan 2026

Deloitte Australia Data Analytics Job Simulation on Forage - February 2026

Completed a Deloitte job simulation involving data analysis and forensic technology

Created a data dashboard using Tableau Used Excel to classify data and draw business conclusions

PORTFOLIO

Tableau: <https://prod-in-a.online.tableau.com/t/avadhoothavishala-54eab6d127/views/Snowflaketableau/Dashboard1>