

SANJAY S

Data Analyst

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[Email](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFILE SUMMARY

Aspiring Data Analyst with hands-on experience in data modeling, visualization, and statistical analysis using Power BI, Python, and SQL. Proven ability to translate raw data into strategic insights to support business decisions.

SKILLS

Programming Languages: Python, SQL, DAX

Data Analysis & Processing: Data Wrangling, Data Cleaning, Statistical Analysis, Exploratory Data Analysis (EDA), Data Transformation, Data Mining

Data Visualization: Power BI, Advanced Excel (Pivot Tables, Charts)

Databases: MySQL, PostgreSQL, Oracle, Relational Databases

Development Tools: Git, GitHub, Visual Studio Code (VSCode), Jupyter Notebook

Methodologies: Agile, Software Development Life Cycle (SDLC)

Data Structures: Expertise in Data Structures

Familiar With: Django, HTML5, CSS3

PROJECTS

Demand vs. Supply Gap Analysis

Project Link: [Sales Analysis](#)

Analyzed supply and demand dynamics in the Indian beverage market through comprehensive sales and inventory data analysis.

- Developed advanced Power BI dashboards utilizing **calculated columns**, **measures**, **slicers**, and drill-through features to provide deep insights at SKU and regional levels.
- Applied extensive **data cleaning**, **transformation**, and **modeling** techniques in **Power BI** and **Advanced Excel**, including **pivot tables**, **DAX formulas**, and **Power Query** for robust data preparation.
- Conducted trend and variance analysis to identify supply gaps, overstock, and underperforming products across different regions. Enabled stakeholders to make informed decisions on supply chain and inventory management through clear, **interactive visualizations** and key performance indicators (KPIs).
- Tools & Technologies:** Power BI (DAX, Power Query, Data Modeling), Advanced Excel (Pivot Tables, Data Cleaning, Formulas), Data Visualization, Statistical Analysis

TATA Motors Dashboard

Project Link: [Trend Analysis](#)

Developed a comprehensive Power BI dashboard to analyze and visualize TATA Motors’ key business metrics, enabling stakeholders to monitor performance and make informed decisions based on real-time data.

- Created interactive dashboards covering sales, production, financials, and **operational insights**. Loaded and integrated data directly from the Trading website and other sources for accurate and up-to-date reporting.
- **Utilized slicers, calculated columns, measures**, and drill-through features in Power BI for detailed **multi-dimensional analysis**.
- Performed extensive **data cleaning, transformation, and modeling** using **Power BI** and **Advanced Excel**, including **pivot tables, DAX formulas, and Power Query**.
- Tracked essential KPIs like sales revenue, production volume, and **cost metrics** to support **business strategy** and **operational improvements**.

Tools & Technologies: Power BI (DAX, Power Query, Data Modeling), Advanced Excel (Pivot Tables, Data Cleaning, Formulas), Data Visualization, Business Intelligence

MINI PROJECTS

Gold Investment Analysis

[GitHub](#)

- Created a Power BI dashboard to compare long-term returns of gold, silver, and fixed deposits from 2000 to 2025. Analyzed investment trends and visualized key insights including peak prices and comparative growth across assets.
- **Technologies Used:** Power BI, Data Visualization, Public Financial Data

Business Analysis for Onion Traders (2016–2022)

[GitHub](#)

- Built a Power BI dashboard to analyze onion pricing trends across financial years, helping traders optimize purchase timing and manage risks. Identified seasonal patterns, COVID-19 anomalies, and volatility to support informed trading strategies.
- **Technologies Used:** Power BI, DAX, Time Series Analysis, Data Visualization

Operational Analysis of E-Commerce

[GitHub](#)

- Designed a Power BI dashboard to analyze e-commerce operations including product performance, regional sales, shipping metrics, and customer demographics. Delivered insights on sales trends, shipping efficiency, and regional customer behavior to support strategic decision-making.
- **Technologies Used:** Power BI, DAX, Custom Visuals, Data Visualization

EDUCATION

- **Data Analytics Certification** 2025 - Present
Besant Technologies, Chennai
- **Bachelor of Computer Applications** 2020 - 2023
Calicut University
- **Computer Science (12th Grade)** 2019 - 2020
HSC | CGPA:6.92