

SWAROOP KUMAR VATHADA | POWER BI DEVELOPER

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PROFESSIONAL SUMMARY

Power BI Developer with 17 months of experience at Tata Consultancy Services (TCS), including 1 year as an SAP Analytics Cloud Developer building enterprise dashboard and KPI reports. Skilled in Power BI Desktop, Power BI Service, DAX, Power Query, and data modelling, with hands-on experience designing multi-page interactive dashboards, developing DAX measures, and delivering actionable business intelligence across financial, HR, and sales domains. Adept at transforming complex datasets into executive-level insights that support data-driven decision-making.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL
- **Python Libraries:** Pandas, NumPy, Matplotlib
- **Database & Tools:** MySQL, MySQL Workbench
- **Analytics & BI Tools:** SAP Analytics Cloud, Power BI Desktop, Power BI Service, Advanced Excel
- **Data Analytics:** Power Query, DAX, Data Visualization, Exploratory Data Analysis (EDA), Data Cleaning, Data Analysis, Business Intelligence, KPI, Dashboards, Data modelling, ETL
- **Core Concepts:** Data Structures, CRUD Operations, Data Cleaning, Data Analysis
- **Version Control:** Git, GitHub

PROFESSIONAL EXPERIENCE

Assistant System Engineer | (May 2024 – October 2025) | Tata Consultancy Services (TCS) Hyderabad, India

SAP Analytics Cloud Developer | LDF Project – German Client | TCS Hyderabad, India | (Aug 2024 – Aug 2025)

- Worked as an SAP Analytics Cloud Developer on the Ledvance Digital Future (LDF) enterprise analytics project.
- Developed over more than 5 interactive dashboards and KPI tracking reports using SAP Analytics Cloud for business performance monitoring.
- Worked with analysing 5 – 7 data sets in SAP Analytics Cloud for data transformation and reporting.
- Developed enterprise-level dashboards and analytical reports for business performance monitoring.
- Built and optimized 5 - 7 data models ensuring high performance and data reliability to 30 % more.
- Ensured data accuracy, consistency, and integrity across all reporting layers up to 40% for business Outcomes.
- Delivered analytics solutions aligned with cross-functional teams.

POWER BI PROJECTS

HR Analytics Dashboard — Power BI Mini Project | (Apr 2026)

- Tech Stack: Power BI Desktop | Power BI Service | DAX | Power Query Editor | ETL | HR Analytics | CSV | Platform: Agileology
- Developed 7 DAX measures — Total Employees (1,480), Total Attrition (238), Attrition Rate % (16.08%), Active Employees (1,242), Avg Monthly Income (6,500), Avg Age (36.9 years), and Avg Job Satisfaction (2.73/4) — to power all KPI cards and dashboard calculations.
- Built a 4-page interactive HR Analytics Dashboard — Attrition Overview, Attrition Analysis, Employee Insights, and HR Summary Report — featuring 16 visuals including KPI cards, bar charts, donut chart, line chart, matrix table, and department/gender slicers for real-time interactive filtering.
- Uncovered 6 critical attrition drivers: R&D department leads with 133 employees lost; employees earning below 5,000/month account for highest attrition (163 employees); age group 26–35 is most at-risk; Laboratory Technicians and Sales Executives are highest attrition roles; single employees leave more frequently; and employees with 1–2 years tenure are most likely to exit.
- Published the completed 4-page dashboard to Power BI Service for live cloud-based access and concluded that low salary, early tenure (1–2 years), and R&D department placement are the three strongest predictors of the 16.08% attrition rate — insights directly actionable by HR leadership.

Financial Sales Dashboard — Power BI Mini Project | (Apr 2026)

- Imported Microsoft Financial Sample dataset (700 rows, 16 columns) into Power BI Desktop via Excel Workbook connector.
- Built a dedicated _Measures table following Power BI best practices and developed 6 DAX measures — Total Sales (118.73M), Total Profit (16.89M), Total Units Sold (1.13M), Total COGS (101.83M), Total Discounts (9.21M), and Profit Margin % (14.2%).
- Designed a 4-page interactive Financial Sales Dashboard — Financial Overview (executive KPIs), Product featuring 15 visuals.
- Identified that Government segment is the single most valuable customer segment driving 44.22% of total sales (52.5M) and 65.04% of total profit — while USA and Canada each contribute 25M in sales, making them the top two geographic markets out of 5 countries analysed.
- Performed time intelligence analysis revealing October 2014 as the peak sales month at 12.4M, 2014 significantly outperforming 2013 across all segments, Total COGS of 101.83M vs Total Sales of 118.73M

EDUCATION

B. Tech – Mechanical Engineering | (July 2019 – April 2023)

Avanthi Institute of Engineering and Technology | CGPA: 7.18

CERTIFICATIONS

Exploring SAP Analytics Cloud — Record of Achievement | (Oct 2024)

Issued by SAP | Foundational Level | Credential: www.credly.com/badges/28b70f9c-22ce-4f3a-99a7-57d09312ef1b