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SUMMARY

Electronics & Telecommunication Engineer with hands-on experience in data analysis using SQL (PostgreSQL, SQL Server), Excel, Power BI and Python (NumPy, Pandas, Matplotlib, Seaborn). Proficient in building dashboards, writing complex queries, performing data transformation and extracting business insights. Strong foundation in data modeling, DAX, Power Query, Excel automation and structured reporting, with practical use of AI-assisted tools like ChatGPT for faster query logic, documentation and workflow efficiency. Detail-oriented with an analytical, process-driven mindset, systematic documentation practices and the ability to deliver reliable outcomes in both team-based and independent projects. Transitioned from civil services preparation with a self-driven approach and currently seeking entry-level Data Analyst opportunities.

TECHNICAL SKILLS

Data Analysis & Visualization: Power BI (DAX, KPIs, Slicers, Drillthrough) | Excel (Pivot Tables, Charts, Dashboards)

Programming Languages: Python (Numpy, Pandas, Matplotlib, Seaborn) | SQL

Databases: PostgreSQL | SQL Server

Tools & Environments: Power Query (Excel & Power BI) | SSMS | pgAdmin | Jupyter Notebook | VS Code | Azure Data Studio | ChatGPT (Generative AI Assistance) | PowerPoint (Basic)

Cloud & ETL Tools: Azure Data Factory | Azure Data Lake Storage | Azure SQL Database

PROJECTS

Retail Sales Analysis Dashboard | Excel + SQL + Power BI

Dataset: Superstore (Kaggle) | Tools: PostgreSQL, Excel, Power BI

- Normalized the raw sales dataset into 4 relational tables (customers, orders, products, order_details) in PostgreSQL to apply JOINS, CTEs and window functions.
- Performed data cleaning and transformation using Power Query and Excel (removed duplicates, renamed columns, fixed data types).
- Built a dynamic sales dashboard using formulas, PivotTables, slicers, charts and basic VBA macros.
- Delivered insights via 6-sheet Excel workbook with interactive controls.
- Built interactive Power BI dashboards with multiple pages and drillthroughs:
 - Main Dashboard: KPI cards (Sales, Profit, Quantity, Orders), filters (Segment, Region, Ship Mode, Year), sales trends, top products.
 - Customer Drillthrough Page: Order history, category breakdown, sales & profit for selected customers.
 - Time Intelligence Page: Measures like MTD, YTD, Same Period Last Year (SPLY), YoY Growth, trend comparison charts.
- Used DAX for calculated measures including: Total Sales, Total Profit, Profit %, YTD_Sales, SPLY_Sales, YoY_Sales_Growth_%.

Mobile Sales Dashboard - Power BI (Certified) | Tools: Power BI, DAX, Power Query

- Designed an interactive dashboard to visualize mobile sales KPIs: Total Sales, Quantity Sold, Average Price and Transactions.
- Created DAX measures for MTD and Same Period Last Year, enabling time-based performance comparison.
- Implemented slicers for filtering by brand, payment method, city, year and quarter - improving usability and flexibility.
- Built charts (bar, pie, line, map) for detailed regional and category-wise insights, demonstrating communication through visuals and business storytelling.
- Applied a structured approach to dashboard layout, reinforcing process thinking and a user-centric mindset.

Online Bookstore Sales Analysis - SQL (Certified) | Tools: PostgreSQL

- Designed and normalized a relational database with Books, Customers and Orders tables using best practices for data integrity.
- Developed SQL queries to analyze top-selling books, customer behavior and inventory performance.
- Utilized JOINS, GROUP BY, HAVING and subqueries to uncover trends and generate actionable insights with precision.
- Imported and validated raw CSV data, reflecting a detail-oriented and documentation-driven workflow.
- Demonstrated self-motivation and independent problem-solving throughout this end-to-end data exploration project.

Sales Performance Dashboard - Excel | Tools: Microsoft Excel (Pivot Tables, Formulas, Charts, Macros)

- Created a dynamic dashboard to monitor regional sales and individual executive performance with clear KPIs.
- Automated tracking using formulas (SUM, IF, % calculations), conditional formatting and PivotTables.
- Added interactive slicers for region and product-based filtering, making the dashboard intuitive and manager-friendly.
- Built a process-focused reporting flow and added macro-based automation using basic VBA (for sheet switching and slicer resets).
- Demonstrated time efficiency and attention to detail through structured design and user-friendly output.

Covid-19 Data Pipeline using Azure Data Factory (Udemy Certified Project) | Tutor: Mr. Ramesh Retnasamy (Microsoft Certified Azure Data Engineer Associate)

- Built a scalable ETL pipeline using Azure Data Factory to ingest COVID-19 data from public sources.
- Transformed and stored data in Azure Data Lake Storage and loaded it into Azure SQL Database.
- Scheduled and monitored data pipelines for reliability and accuracy.

WORK EXPERIENCE

Associate Engineer - NOC | Tata Communications Limited, Pune | Feb 2020 - Mar 2020

- Monitored real-time network operations and resolved first-level connectivity issues.
- Gained exposure to incident management and IT infrastructure coordination.

TRAINING & COURSES

- **Power BI - 2025** (Certified | Project based) | Tutor: Mr. Satish Dhawale - Founder and CEO @ Skill Course
- **SQL - 2025** (Certified | Project based) | Tutor: Mr. Satish Dhawale - Founder and CEO @ Skill Course
- **Excel for Data Analysis - 2025** (Project based) | Tutor: Mr. Satish Dhawale - Founder and CEO @ Skill Course
- **Data Analysis with Python - 2025** | Tutor: Mr. Aakash N S - Co-founder and CEO of Jovian

EDUCATION

- **Bachelor of Engineering in Electronics & Telecommunication** | Savitribai Phule Pune University, Pune
Graduated: 2018 | Percentage: 70.6%
- **Diploma in Electronics & Telecommunication** | Government Polytechnic, Amravati
Completed: 2015 | Percentage: 80.53%
- **Secondary School Certificate** | Maharashtra State Board of Secondary and Higher Secondary Education
Passed: 2012 | Percentage: 93.27%

LANGUAGES

- English | Hindi | Marathi