ADITYA PATNE

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SUMMARY

Electronics & Telecommunication Engineer with hands-on experience in data analysis, reporting and dashboard development using SQL (PostgreSQL, SQL Server), Excel, Power BI and Python (NumPy, Pandas, Matplotlib, Seaborn). Skilled in data cleaning, transformation, visualization and business insight generation. Strong foundation in data modeling, DAX, Power Query and automation, with practical use of AI-assisted tools like ChatGPT for workflow efficiency and documentation. Detail-oriented, process-driven and capable of delivering accurate results independently or in teams. Transitioned from civil services preparation with a disciplined, analytical approach and currently seeking entry-level opportunities in Data Analytics.

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
Tools: PostgreSQL, Excel, Power BI
- Normalized raw sales data into relational tables (customers, orders, products, order_details) using SQL JOINs, CTEs and window functions.
- Performed data cleaning and transformation in Power Query and Excel (duplicates removal, data types correction).
- Created interactive dashboards in Excel (PivotTables, formulas, slicers, charts, macros).
- Developed Power BI dashboards with KPI cards, filters and multi-page drillthroughs for customer and time intelligence views.
- Applied DAX measures for Total Sales, Profit %, YTD, SPLY and YoY Growth to simulate business reporting workflows.

Mobile Sales Dashboard - Power BI (Certified)
Tools: Power BI, DAX, Power Query
- Designed dynamic dashboards visualizing KPIs (Total Sales, Quantity, Average Price, Transactions).
- Implemented DAX measures for MTD and SPLY comparisons.
- Used filters, slicers, and multiple visual types (bar, line, map) to improve storytelling and usability.

Online Bookstore Sales Analysis - SQL (Certified)
Tools: PostgreSQL
- Built a relational database (Books, Customers, Orders) using normalization and referential integrity.
- Wrote SQL queries using JOINs, GROUP BY, HAVING, subqueries to analyze sales and customer behavior.
- Imported and validated CSV data, maintaining structured documentation for reproducibility.
- 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)
- Built a KPI-based sales performance dashboard with slicers and automated macros.
- Designed efficient workflows for region- and product-level performance reporting.
- 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
- Created an ETL pipeline in Azure Data Factory to fetch public COVID datasets.
- Stored data in Azure Data Lake and processed it into Azure SQL Database for reporting.
- Scheduled and monitored pipeline runs for data integrity and accuracy.

PROFESSIONAL EXPERIENCE
Associate Engineer - NOC
Tata Communications Limited, Pune
Feb 2020 - Mar 2020
- Monitored real-time network operations and resolved connectivity issues.
- Gained understanding of incident management and infrastructure monitoring.

TRAINING & COURSES
- **Power BI** (Certified, Project based) **-** Tutor: Mr. Satish Dhawale (Founder and CEO @ Skill Course)
- **SQL** (Certified, Project based) - Tutor: Mr. Satish Dhawale (Founder and CEO @ Skill Course)
- **Excel for Data Analysis** (Project based) - Tutor: Mr. Satish Dhawale (Founder and CEO @ Skill Course)
- **Data Analysis with Python** - Tutor: Mr. Satish Dhawale (Founder and CEO @ Skill Course)

EDUCATION
- **Bachelor of Engineering (Electronics & Telecommunication)** - Savitribai Phule Pune University
  Graduated: 2018, Percentage: 70.6%
- **Diploma (Electronics & Telecommunication)** - Government Polytechnic, Amravati
  Completed: 2015, Percentage: 80.53%

LANGUAGES
- English, Hindi, Marathi