# ADITYA PATNE
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## SUMMARY

Electronics & Telecommunication Engineer with hands-on experience in data analysis, reporting and visualization using SQL, Excel and Power BI. Skilled in data cleaning, transformation and business insight generation. Strong foundation in data modeling, DAX, Power Query and automation, with practical use of AI-assisted tools for workflow efficiency and documentation. Developed skills in Data analysis using Python. Detail-oriented, analytical, process-driven and capable of delivering reliable insights independently or in teams. Transitioned from civil services preparation with a structured, disciplined approach and currently seeking entry-level opportunities as a Data Analyst, Business Analyst or in Reporting roles.

## SKILLS

**Data Analysis & Visualization:** Power BI (DAX, KPIs, Slicers, Drill-through), 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 & Perplexity (Generative AI Assistance), PowerPoint
**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 drill-through 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
- 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)
- 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**
- Built a scalable ETL pipeline using Azure Data Factory to ingest COVID-19 data from a public source.
- 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 (Network Operating Center)**
Tata Communications Limited, Pune
February 2020 - March 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) - Instructor: Mr. Satish Dhawale (Founder and CEO @ Skill Course)
- **SQL** (Certified, Project based) - Instructor: Mr. Satish Dhawale (Founder and CEO @ Skill Course)
- **Excel for Data Analysis** (Project based) - Instructor: Mr. Satish Dhawale (Founder and CEO @ Skill Course)
- **Data Analysis with Python** - Instructor: 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