AYUSH PANDEY

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PROFESSIONAL SUMMARY

B.Sc.IT Graduate skilled in **SQL, Excel, Power BI, Python, and data visualization**, with hands-on experience in **data cleaning, data analysis, EDA, KPI reporting, and transforming raw datasets into actionable business insights** through **3+ end-to-end** academic or personal projects. Seeking to contribute analytical and problem-solving skills in a **Data Analyst** role.

TECHNICAL SKILLS

Programming: Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), SQL (MySQL, PostgreSQL), Machine Learning
Data Analysis : Statistics, Data Cleaning, ETL, Business Reporting, KPI Tracking, Exploratory Data Analysis (EDA),Data modelling
Visualization & BI: Power BI, Microsoft Excel (Pivot Tables, VLOOKUP, XLOOKUP), Data Visualization, Google Sheets
Concepts: Business Intelligence, KPI Reporting, Data Storytelling

WORK EXPERIENCE

Python Development Intern | *SR India (Remote)* ***Jan 2026 – Feb 2026***

- **Analyzed** and **cleaned 5,000+** rows datasets using **Python** (Pandas, NumPy, Matplotlib, and Seaborn), performing **EDA** , **statistical analysis**, and data visualization to generate **actionable business insights**.
- Developed interactive **Power BI dashboards** and **reports for KPI reporting**, data visualization, and data-driven decision-making.

PROJECTS

Customer churn Analysis | *Python, SQL, Power BI* | *GITHUB* »

- Cleaned and analyzed a 7,043-row telecom churn dataset using Python and SQL (CTEs, window functions, joins), uncovering a 15x churn-rate gap between month-to-month and two-year contracts.
- Identified $139K/month in revenue impact from customer churn through SQL business data analysis and performed EDA.
- Designed and built an interactive Power BI dashboard with 15+ DAX measures to visualize churn trends, revenue impact, and customer segments for stakeholder reporting.

HR Attrition Analytics |*SQL,Power BI*| *GITHUB* »

- **Built an end-to-end HR analytics solution** using **SQL** and **Power BI** on a **1,470+ employee** dataset, performing data cleaning, validation, and analysis to evaluate **16.1% attrition rate.**
- **Wrote 15+ SQL queries** (CTEs, window functions, joins,) and developed an interactive **Power BI dashboard** with **5+ HR KPIs** and **DAX measures** (Filters,Slicers) that would help HR managers.
- **Generated 5+ business insights and strategic recommendations** by identifying key attrition, including **2.9× higher attrition risk among overtime employees** and **39.8% attrition in Sales Representatives**, supporting data-driven decision making.

Customer Behavior Analysis & Dashboard | *Python, SQL, Power BI* | *GITHUB* »

- Designed an end-to-end analytics pipeline: data cleaning, SQL-based data modeling, EDA, and customer segmentation analysis on a 5,000+ row retail dataset.
- Built an interactive Power BI dashboard with 5+ KPIs visualizations tracking customer segments, purchasing behavior, and revenue trends for stakeholder decision-making.

EDUCATION

Bachelor of Science in Information Technology (B.Sc. IT) — *CGPA 7.19/10* ***June 2023 – May 2026***
Ramanand Arya D.A.V. College, Mumbai

CERTIFICATIONS

- NPTEL – Python for Data Science, IIT Madras *(Jan–Feb 2025)*
- Certificate of Machine Learning, Intellipaat *(Feb 22, 2026)*
- Data Science & Analytics, HP LIFE *(Apr 8, 2026)*