

ANUP PANTHA

+1 (919) 641-8312 • anupdhojpantha@gmail.com • Durham, North Carolina, USA
[LinkedIn](#) • [GitHub](#) • [Portfolio](#)

PROFESSIONAL SUMMARY

Computer Science graduate with hands-on experience in Python, SQL, ETL pipelines, and large-scale data analytics. Passionate about transforming raw data into actionable business insights through data cleaning, statistical analysis, and interactive dashboards. Eager to contribute to a U.S.-based data-driven team as a Data Analyst or Business Intelligence Analyst.

TECHNICAL SKILLS

Languages & Querying: SQL (Joins, CTEs, Window Functions), Python (Pandas, NumPy, Matplotlib, Seaborn)

BI & Visualization: Power BI, Tableau, Looker (learning), Excel (Pivot Tables, VLOOKUP, Power Query)

ETL & Data Engineering: Python ETL scripting, dbt (learning), Apache Airflow (learning), data pipeline design

Databases: MySQL, PostgreSQL, MongoDB

Statistical Analysis: Descriptive statistics, regression analysis, A/B testing concepts, KPI reporting

Tools & Workflow: Git, GitHub, Jupyter Notebook, VS Code,

AI & Emerging: Generative AI tools for analytics (ChatGPT, Copilot)

EDUCATION

B.Sc. Computer Science & Information Technology

May 2025

Tribhuvan University, Kathmandu, Nepal

EXPERIENCE

Frontend Developer Intern • Spydr's Lab Pvt. Ltd.

Sep 2024 – Dec 2024

- Analyzed user interaction data from client-facing dashboards and surfaced actionable insights to guide feature prioritization in Agile sprint planning.
- Automated repetitive data reporting workflows using JavaScript and Git, cutting manual effort by approximately 25%.
- Collaborated cross-functionally with design and backend teams, translating business requirements into data backed UI improvements.

Data Analyst • Angel's Heart Foundation

Feb 2025

- Analyzed business data using advanced Excel features including Pivot Tables, VLOOKUP, and conditional formatting
- Built automated reporting dashboards using Power Query to track KPIs and operational metrics
- Cleaned and transformed raw datasets to ensure data accuracy and consistency for reporting
- Skills Learned:** Data modeling, business reporting, dashboard design, and Excel automation

Data Analyst • Spyder's Lab Pvt. Ltd

Feb 2025

- Analyzed large datasets using Python (Pandas, NumPy) and SQL to uncover sales trends and business insights
- Built interactive Power BI dashboards to visualize KPIs, enabling data-driven decision-making across teams
- Designed and maintained ETL pipelines to automate data extraction, transformation, and loading from multiple sources
- Skills Learned:** Statistical analysis, dashboard development, data cleaning, and cross-functional reporting

PROJECTS

End-to-End ETL & Analytics Pipeline | *Python • SQL • Pandas • PostgreSQL • Power BI*

- Designed and implemented an ETL pipeline to ingest, clean, and transform 50K+ records from CSV/JSON files into a structured PostgreSQL database for analytics.
- Wrote Python (Pandas) scripts to automate data extraction and transformation, reducing manual reporting time by 40%.
- Built SQL queries with CTEs and window functions to produce weekly KPI reports, enabling data-driven decisionmaking for stakeholders.

Customer Behavior & Churn Analysis | *Python • Pandas • Matplotlib • Seaborn • SQL*

- Analyzed a 30K-row customer dataset to identify churn patterns, segmenting users by behavior, tenure, and spend using SQL and Python.
- Visualized key trends using Matplotlib and Seaborn, producing charts that revealed a 22% churn concentration in customers with < 3 months tenure.
- Delivered 4 data-backed recommendations to reduce churn, improving hypothetical retention rate by an estimated 15%.

Sales & Operations Performance Dashboard | *Python • Pandas • Matplotlib • Excel • Power BI*

- Analyzed a public retail sales dataset (100K+ rows) to identify revenue trends, seasonality, and top-performing product categories.
- Built an interactive Power BI dashboard visualizing monthly sales KPIs, customer segmentation, and churn indicators — reducing reporting cycle from days to minutes.
- Applied statistical analysis (descriptive stats, trend lines, correlation) to generate 5 actionable business recommendations.