

# ANURAG SHARMA

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## PROFESSIONAL SUMMARY

Data Analytics Intern with hands-on experience in Python, SQL, and Power BI, delivering insights through KPI analysis, customer segmentation, and automated data pipelines. Experienced in data cleaning, EDA, and dashboard development to support data-driven business decisions.

## TECHNICAL SKILLS

**Languages:** SQL, Python

**Libraries:** Pandas, Numpy, Matplotlib, Seaborn, SciPy, Scikit-learn

**Data Visualization:** Power BI, Tableau

**Tools:** Excel(Pivot Tables, VLOOKUP), Git, Jupyter Notebook

**Analytics:** Data cleaning, EDA, Statistical Analysis, KPI Analysis

## PROJECTS

**Vendor Performance Analysis** | [GitHub](#) | Tools: *Python, SQL, Power BI / Tableau*

- Analyzed vendor performance data across 50+ vendors using 4–6 KPIs including delivery time, order accuracy, cost variance, and defect rate.
- Performed data cleaning and exploratory analysis on 10,000+ records using Python (Pandas, NumPy) and SQL aggregations.
- Built an interactive Power BI dashboard to rank vendors and identify the top 20% high-performing and bottom 15% under performing suppliers, supporting data-driven procurement decisions..

**Customer Segmentation Analysis** | [GitHub](#) | Tools: *Python, Pandas, Seaborn, Scikit-learn*

- Conducted exploratory data analysis on 5,000+ customer records to uncover trends in purchasing behavior and engagement metrics.
- Applied K-means clustering to segment customers into 4 distinct groups based on purchase frequency and monetary value.
- Generated actionable insights enabling targeted marketing strategies and potential improvement in customer retention and lifetime value.

**End-to-End Data Pipeline & Analysis** | [GitHub](#) | Tools: *Python, SQL, APIs / CSV, Automation*

- Designed and implemented an end-to-end data pipeline to ingest data from multiple sources (APIs and CSV files) into a structured SQL database.
- Automated data cleaning, transformation, and loading processes using Python scripts, reducing manual processing time by 60–70%.
- Performed analytical reporting on 20,000+ processed records to identify trends, anomalies, and key business insights.

**MORE PROJECTS ON MY [GITHUB](#) AND [PORTFOLIO](#)**

## CERTIFICATIONS & ACHIEVEMENTS

- **Pandas** - Kaggle | Credential Link: [LINK](#)
- **Data Visualization** - Kaggle
- **Power BI Fundamentals** - Microsoft Learn
- **SQL (Intermediate)**- Hacker Rank | Credential ID: [9E2FE357A08B](#)

## EDUCATION

**BSc. CSIT (Computer Science and Information Technology)**

*At Tribhuvan University, Lalitpur, Nepal  
Expected Graduation at 2028*