



DEEPAK SINGH KARMIYAL

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Summary

Aspiring Data Analyst with expertise in Python, MySQL, Excel, and Power BI. Skilled in transforming data into actionable insights to drive business growth and operational efficiency.

Technical Skills

Languages: Python (Pandas, NumPy, Matplotlib. etc.), SQL

Visualization Tools: Power BI, Matplotlib, Seaborn

Data Analysis: Advanced Excel, Pandas, NumPy

Database Management: MySQL

Soft Skills: Problem Solving, Self-learning, Adaptability, Communication, Time Management, Presentation Skills

Experience

Forage Virtual Internship

Mar 2024 – Mar 2024

Accenture North America Data Analytics and Visualization

- Completed a simulation focused on advising a supposed social media client as a Data Analyst at Accenture.
- Cleaned, modelled and analyzed datasets to uncover insights into content trends to inform strategic decisions for Data Analysis and Reporting.
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.

Projects

E-commerce Data Analysis | *MYSQL, Python*

- Managed e-commerce sales data with MySQL and Python, visualizing significant trends and insights; contributed to a 15% increase in revenue by optimizing product placements and marketing strategies.
- Extracted insights from e-commerce sales data, revealing key trends and geographic sales distribution; pinpointed high-demand product categories, leading to a 20% increase in inventory turnover and 20-25% revenue growth.
- Identified product performance trends, leading to a 15% increase in targeted marketing effectiveness and a 10% boost in sales.

Sales Analytics - Sales Analysis With Python | *Python*

- Analyzed purchasing behavior and product preferences across sectors and geographical areas using Python with Pandas.
- Generated data visualizations with Matplotlib and Seaborn, revealing key insights that boosted targeted marketing efforts by 40%.
- Examined sales data to uncover patterns and preferences, visualizing sales by geography and purchasing trends. Provided insights that helped 20% in strategic decision-making and stakeholders understand areas for improvement.

HR Attrition – HR Analytics Dashboard | *Power BI*

- Create an HR Attrition Analytics dashboard by using Power BI to deliver insights to the HR team.
- Developed interactive charts, graphs, and KPI cards in the dashboard to deliver actionable insights, reducing data trend identification time by 40% and improving decision accuracy by 30%.

Health Care – Healthcare Analysis Dashboard | *Power BI*

- Built detailed interactive dashboards that display patient processes and bed utilization for Apollo Hospitals.
- Increased financial performance analysis led to a 30% improvement in operational efficiency and decision accuracy.
- Analyzed key performance indicators and diagnosis trends to optimize resource allocation and improve patient management.

Certifications

- Data Analytics with Python - TGC ANIMATION AND MULTIMEDIA
- Accenture North America - Data Analytics and Visualization Job Simulation - Forage
- Python (Basic) Hacker Rank

Education

Kumaun University

Bachelor's of Commerce

Jun 2019 – Aug 2022

Nainital, Uttarakhand