

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, SQL, SAS, RDBMS

Databases: MySQL

Visualization Tools: Power BI, Matplotlib, Seaborn, Excel

Other Skills: Advanced Excel, Data Analysis, Data Cleaning, Exploratory Data Analysis (EDA), Data Transformation, ETL

Experience

Forage Virtual Internship

Mar 2024 – Apr 2024

Accenture North America Data Analytics and Visualization Job Simulation on Forage - April 2024

- Completed a simulation focused on advising a hypothetical 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
- Technologies used: Python, Pandas, Excel, Power BI, MySQL.

Personal Projects

E-commerce Data Analysis / *MYSQL, Python*

April 2024 - May 2024

- 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*

Jan 2024 - Jan 2024

- 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, providing insights that helped improve strategic decision-making by 20%.

Health Care – Healthcare Analysis Dashboard / *Power BI*

April 2024 - May 2024

- 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.

HR Attrition – HR Analytics Dashboard | *Excel, Power BI*

April 2024 - Mar 2024

- 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%.

Awards & Achievements

- 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

Bachelors of commerce

Aug 2019 – Sep 2022

Nainital, Uttarakhand