Deepak Bhatt

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Summary

As a Mathematics postgrad transitioning into a Data Analyst role, I've developed attention to detail through rigorous problem-solving, showcased adaptability in tackling mathematical challenges, and refined my critical thinking abilities. I'm eager to apply this expertise in breaking down complex datasets to empower data-centric decision-making.

Skills

SQL, Python (Data Analysis and Data Visualization Stack - Jupyter Notebook, Pandas, Numpy, Matplotlib & Seaborn, Sklearn), Machine Learning (Supervised & Unsupervised Learning), Tableau, Excel/Sheets.

Projects

Hotel Cancellation Rate Analysis and Business Revenue Optimization   *July 2023*
- Performed **exploratory data analysis** on a dataset with over **110k** entries using **Python**, unearthing critical patterns and insights.
- Identified **price & lead time** as pivotal factors, among others, contributing to high cancellation rates and provided strategic inputs for booking improvements.
- Leveraged data-driven insights to formulate & recommend **targeted business pricing** adjustments and promotional strategies, resulting in significant improvements in revenue generation.
- Developed & executed a **robust communication plan**, delivering impactful insights with **visually compelling graphs** to stakeholders. This fostered **data-driven decision-making**, increasing customer satisfaction and a decrease in customer churn.

Sustainable Growth Strategy Analysis   *December 2022*
- Conducted **in-depth analysis** using **Excel**, implementing **feature engineering** to enhance the model performance by an estimated **15%** by handling missing values and outliers.
- Extracted actionable insights by studying the **correlations** for economic growth planning.
- Delivered recommendations to enhance GDP for nations, pinpointing **key growth areas**.
- Presented findings & data-driven strategies to stakeholders, contributing to sustainable economic growth.

Education

M.Sc. Mathematics   *Nov 2020 - June 2022*
Central University of Karnataka   *Kadaganchi, Karnataka*
CGPA: 8.23
Relevant Coursework: Advanced Statistics & Probability, Operations Research, Basics of Programming in C & Python, Research & Project Report.

B.Sc. (Hons) Mathematics   *Aug 2016 - May 2019*
Dyal Singh College, Delhi University   *Lodhi Road, New Delhi*
Relevant Coursework: Statistics & Probability, Introduction to R Programming.

Certifications

Accenture Data Analytics & Visualization Virtual Experience Program on Forage   *July 2023*
Analyzed **data formatting** and analysis using **Excel**, **visualized in Tableau**, and presented findings, solutions, and partnership recommendations through a presentation.

Coding Ninjas Data Analytics Course   *Oct 2022 - April 2023*
Awarded Certificate of Completion and Excellence (Top Performer in the Batch).