SIDDHARTH KHERA

Faridabad , Haryana

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EDUCATION

J.C. Bose University of Science and Technology, YMCA **2020 − 2024**
B.Tech Computer Science with specialization in Data Science - ***CGPA - 8.0*** *Faridabad, India*

Modern Vidya Niketan **2020**
Central Board of Secondary Education, Secured an aggregate of ***Percentage - 92.8%*** *Faridabad, India*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Machine learning
- Database Management System
- Power BI
- Microsoft Excel
- Data Analysis & Mathematics

EXPERIENCE

Constro **June'23 − Jan'24**
Data Analyst (Internship)

- Collected, cleaned, and managed data from various sources, ensuring data integrity and accuracy for reliable analysis and reporting.
- Conducted comprehensive data analysis and created detailed reports and dashboards using SQL, Python, and Tableau to inform strategic business decisions and optimize project performance.
- Analyzed data to identify trends, patterns, and insights, providing actionable recommendations to improve project performance and operational efficiency.

BIJAK **Feb'24 - Current**
Data Scientist (Internship)

- Performed web scraping to capture competitors' pricing data, providing critical insights to inform pricing strategies and enhance competitive positioning.
- Implemented forecasting models to predict inventory requirements, ensuring optimal stock levels and minimizing waste through accurate demand forecasting.
- Designed and executed a route planning model that clustered delivery zones and sequenced order slots, optimizing delivery efficiency and reducing transportation costs in the Delhi NCR region.
- Developed and maintained interactive sales and finance dashboards using tools like SQL, Python, and Tableau to facilitate real-time analytics and support data-driven decision-making.
- Automated various tasks using JavaScript in Google Apps Script, streamlining processes and improving productivity within Google Sheets.

PROJECTS

Route Planning ↗ | Python

- Divided the Delhi NCR region into clusters based on geographic proximity and delivery density on Google My maps and developed an algorithm to automatically assign new orders to the appropriate clusters. Also created a route optimization algorithm to determine the most efficient delivery routes for each cluster.

Web API scrapping ↗ | Python , Insomania

- Scrapped data from different websites to capture prices and other relevant information from them that is converted to CSV to analyse data. Python requests and Insomania workframe was used to build the scrapper and google apis and windows task scheduler were used to automate the process.

Amazon-Clone with Chatbot ↗ | Html , JavaScript , CSS , Python

- A clone website of Amazon with self training chatbot made using machine learning algorithm. The chatbot is responsive and is built using pytorch and nltk libraries. Concepts of tokenizing , stemming and bag of words is used to build and train the chatbot.

TECHNICAL SKILLS

Languages: Python, Java , CSS, C++, JavaScript, SQL, R, Html , JavaScript

Developer Tools: VS Code, Android Studio, CodeBlocks , R Studio , PyCharm CE , MySql , RedShift