Deepak Singh

Roll No.:I20MA060
Integrated M.Sc. in Mathematics
Sardar Vallabhbhai National Institute of Technology
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
Int. M.Sc Mathematics	Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat	8.28 (Current)	2020-Present
Class XII	UP Board	80.40%	2019
Class X	UP Board	82.33%	2017

WORK EXPERIENCE

- **Uptricks Services Pvt. Ltd.** *June 2023 - July 2023*
  Machine Learning Intern Pune-411038, Maharashtra
  - **Data Analysis**: Analyzed 6+ datasets, including airline passenger, mall customer, market basket, placement, travel insurance, and voice quality data, performing comprehensive exploratory data analysis (EDA).
  - **Machine Learning Applications**: Applied machine learning techniques to diverse problems such as forecasting, loan prediction, customer segmentation, and predictive modeling.

PROJECTS

- **Sales Data Forecasting** *Dec 2023*
  - Github
  - **Forecasting**: Conducted an in-depth sales analysis and forecasting for a business entity, applied time series analysis to generate accurate sales forecasts for the next 15 days.
  - **Preprocessing**: The project included stages such as importing and cleaning data, creating the dashboard, performing DAX queries and data analysis, and providing actionable insights and recommendations. (Python, Power BI, DAX)

- **SQL Action: Real-World Case Studies** *May 2024*
  - Github
  - **SQL Analysis**: Conducted in-depth SQL analysis on 5+ real-world datasets (Data Science Jobs, Google Play Store, Shark Tank India, Swiggy, Indian Tourism) to extract actionable insights. Gained hands-on experience in problem-solving and data manipulation, enhancing SQL proficiency and analytical capabilities. (SQL, MySQL, Excel)
  - **LLM Integration**: Integrated some datasets with an LLM model to automate SQL queries, allowing users to get answers to their questions directly, saving 20+ hours a week by automating queries (Generative AI).

- **EDA Helper Function** *June 2024*
  - Github
  - **EDA**: Created an EDA helper function that saves 15+ hours a week by automating tasks like detecting missing values, generating plots, and performing hypothesis tests for both numeric and categorical data.
  - **Time Saving**: Basic and advanced exploratory data analysis (EDA) tasks can be quickly performed by importing the EDA helper function, which speeds up the analysis process (Python, NumPy, Pandas, Seaborn, Matplotlib).

TECHNICAL SKILLS

- **Programming**: Python, SQL
- **Tools/Frameworks**: Excel,Power BI,Github,Google Collab,ChatGPT Prompt-Engineering
- **Languages**: English, Hindi

CERTIFICATIONS/WORKSHOPS

- **Data Analysis with Python**: Google-Coursera
- **Power BI**: Microsoft-Press

POSITIONS OF RESPONSIBILITY

- **Organizing Member**, Master Cricket League(SVNIT,Surat) *Apr. 2023 - May. 2024*
- **Head**, Hindi-Cell(SVNIT,Surat) *November. 2022 - Apr. 2023*

ACHIEVEMENTS

- **393rd Rank**, Get 393rd rank among 1 lack 10 thousand students in AKTU engineering examination. *2020*