HARSH VARDHAN MISHRA

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Education

2021 - 2024 BCA Data Science at **SRM University, Kattankulathur** (GPA: 8.22/10 Present)
2020 - 2021 Class 12th CBSE Board **Sant Atulanand Convent School, Varanasi** (86.7 %)

Work Experience

Data Science Intern at Deepsphere.ai Jun 2022 - Jul 2022

- Collaborated with extensive and intricate datasets to develop insightful analyses that inform strategic business decision-making.
- Engineered and tested various machine learning algorithms, optimizing predictive accuracy and reducing error rates by 20% and ultimately contributing to a 10% increase in overall system performance.

Data Science Intern at Corizo Jul 2022 - Sep 2022

- Executed hands-on data analysis projects as an intern, leveraging Python libraries **(NumPy, Pandas, SciPy)** to uncover trends; improved decision-making processes and shortened data retrieval time by 35
- Gained fundamental understanding of statistics and its application in **data analytics**, including hypothesis testing, regression analysis, and other common methodologies.
- Participated in Data cleaning, Transformation, and various applications using **Power BI**, adeptly converting valuable insights into visually appealing dashboards.

Projects

Google stock price prediction using RNN LSTM GitHub

- The stock market prediction system achieved **75% Accuracy** in determining market direction, indicating reliable predictive capability.
- In the regression evaluation, the system obtained an **MAE of 10.32**, indicating an average absolute difference between the predicted and actual stock prices. The MSE of 172.58 and RMSE.

Sales Analytics

- Leveraged **DAX language** for data cleaning, transformation, and insightful analysis of Supermarket Datasets.
- Developed interactive **Power BI dashboards** for dynamic exploration of Sales, Profit, and regional sales analysis findings.

An Experimental Evaluation of a machine learning algorithm for Iris-2D Dataset

- Experimental evaluation confirms machine learning algorithm's accuracy in classifying Iris flowers based on two-dimensional features in the Iris-2D dataset.
- The experimental results demonstrate that the machine learning algorithm performs exceptionally well on the Iris-2D dataset, achieving a high classification Accuracy of 95%.

Technical Skills

Languages: Python , SQL, C.
Libraries: NumPy, Pandas, Sci-kit learn, OpenCV, Tensorflow.
Technologies/Frameworks: Machine learning, Deep Learning, Generative AI, Langchain, Google Palm, Prompt engineering, Power BI, Azure Services.

Achievements and Participation

PowerBI workshop by Grwoth School: Participated in 5 days Data Visualisation Workshop.
ICADRIIA '23: Presented the research paper on an experimental evaluation of the Machine Learning algorithm for the **Iris-2D** dataset.
Milan'23 Selected and serve as a **committee head** in the event organized by the engineering faculty of SRMIST.