

Harshavardhan Dasavaram

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EDUCATION

Integrated M.Tech Computer Science and Engineering (Data Science) | Vellore Institute of Technology
6.5, Vellore, 2025

Higher Secondary Education | Narayana Junior College
Minor in MPC, 92.6, Raviryal, 2020

SKILLS

Languages: Java, Python, SQL, Solidity, MATLAB, R, HTML, CSS

Technologies: Machine Learning, Blockchain, Web designing, Cloud Computing, GIT & GitHub

Libraries: Scikit-learn, Matplotlib, Seaborn, Pandas, BeautifulSoup

Data Analytics Tools: Tableau, Power BI, Jupyter Notebook, MS-Excel

EXPERIENCE

Data Science Intern | EduStation

May 2023 - July 2023, Remote

- Collaborated with the data science team to align project deliverables with business objectives, contributing to the successful execution of data-driven projects.
- Developed predictive models using Python and R to analyze large datasets, enhancing client decision-making processes and achieving a 25% increase in prediction accuracy.
- Fine-tuned existing predictive models, achieving a 20% improvement in performance metrics, thereby optimizing the company's predictive capabilities.

PROJECTS

TED Talks Segmentation and Topics Extraction Using Machine Learning

January 2024 - May 2024

- Engineered a solution for TED Talks segmentation and topic extraction using machine learning methods, including data and text preprocessing, feature engineering with count vectors, TF-IDF vectors, and word embeddings, and K-means clustering for model building.
- Executed cluster visualization and topic modeling techniques on TED Talks content, revealing trends and patterns; enabled data-driven decision-making and content strategy optimization for increased viewer engagement and retention.
- Integrated advanced natural language processing (NLP) algorithms, achieving a 90% accuracy in topic classification, thereby enhancing the precision of content categorization and recommendation.

IPL Data Analysis Dashboard in Power BI

January 2024 - May 2023

- Designed an interactive and insightful Power BI dashboard for data analysis of IPL matches spanning from 2008 to 2022.
- Implemented a variety of visualization charts, including line charts, column charts, tables, tree map charts, and slicers to facilitate dynamic data exploration and interpretation.
- Developed comprehensive data models and transformations using Power Query to seamlessly integrate and cleanse data from multiple sources, enhancing the accuracy of analysis and reporting.

CERTIFICATIONS

Google Data Analytics | Coursera

2024

Data Analytics Essentials | Cisco

2024

INVOLVEMENT

Video Editor | Vellore Institute of Technology | Sahiti TLA

January 2022 - January 2023

- Edited 50+ promotional videos, elevating viewer engagement rates by 30% through compelling visual storytelling and enhanced post-production techniques.