

Data Science Student

D.V.L. KARTHIK

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ANDHRA PRADESH - ONGOLE – 523001

Enthusiastic B.Tech AI & Data Science student with strong software development and problem-solving skills.

Skills

- **Programming Languages:** Python (Pandas, NumPy), Java, SQL.
- **Data Science & ML:** Machine Learning (Regression, Classification), Natural Language Processing (NLP), Deep Learning
- **Data Analytics:** Statistical Analysis, Data Visualization, EDA
- **Database Systems:** MySQL, SQL
- **Visualization Tools:** Microsoft Power BI, R (ggplot2), Matplotlib
- **Other Tools:** Excel, RStudio

Education

BTECH – ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (AI&DS)–

Saveetha School of Engineering

Present – 4rd year

INTERMEDIATE – M P C – Narayana Junior College Ongole

June 2022

Projects

DATA SCIENCE CAPSTONE PROJECT – Course Project – SpaceX launch data

June 2024

- Utilized **SpaceX API** and Web Scraping techniques to get the data and store the data in **PANDAS** Data Frame.
- Implemented **EDA** with **Data Visualization** and found out the relationship between flight number and Launch site.
- Built an interactive dashboard with Plotly Dash showing total launches by a certain site.

ACCENTURE NORTH AMERICA DATA ANALYTICS AND VISUALIZATION JOB SIMULATION ON FORAGE

May 2024

- Completed a simulation focused on advising a hypothetical social media client as a data analyst at Accenture.
- Cleaned, modeled, and analyzed seven datasets to uncover insights into content trends to inform strategic decisions
- Provided technical insights on how the client can fully utilize their data by introducing different technologies

SKINCARE PRODUCT INGREDIENT ANALYZER

- Developed a Flutter-based mobile application integrating AI chatbot with product recommendation and product tracking to provide skincare product insights.
- Implemented Flask-based backend for data processing and API handling.
- Designed a user-friendly interface to enhance customer engagement and ease of navigation.
- Developed a machine learning model to analyze ingredient effectiveness based on user reviews and skincare outcomes

Experience:

Data Science Intern

Prodigy Infotech | Remote | [May 2025 – June 2025]

- 1 To find patterns and trends, I performed exploratory data analysis (EDA) and data cleansing on real-world datasets like the US traffic accidents and the Titanic.
- 2 Using the UCI Bank Marketing dataset, a decision tree classifier was developed to forecast consumer purchase behavior.
- 3 Using the Twitter Entity Sentiment dataset, sentiment analysis was done on social media data to glean brand impression and public opinion.
- 4 created educational bar charts and histograms by visualizing the population demographic distribution using World Bank data.

Certifications

[IBM Data Science Professional Certificate](#)

June 2024

[Data Analysis with Python](#)

June 2024

[Data Visualization with Python](#)

June 2024

[Machine Learning with Python](#)

June 2024

[Data Analysis and Visualization Job Simulation](#)

May 2024

Interests

Participation in data science competitions like Kaggle or hackathons.

Interests in learning and working with big data technologies like Hadoop, Spark, etc.

Interests in Python, R, SQL etc