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Profiles : [Linkedin](#) | [Github](#) | [Kaggle](#)

Location: Hyderabad, Telangana.

Dharmada

Lakshmi Sai Teja

Data Scientist

Summary

A highly motivated and enthusiast with expertise in Python programming, data analysis, Machine Learning. Possessing a passion for technology and a drive for continuous learning, I am confident in my ability to extract insights from complex datasets and make data-driven decisions. With a focus on delivering results and a commitment to excellence, I am eager to bring my skills and enthusiasm to a challenging and rewarding role in the field of data science.

Professional Skills

- ◆ Adaptability
- ◆ Critical Thinking
- ◆ Strong communication and presentation skills
- ◆ Excellent analytical and problem-solving skills

Key Skills

- ◆ Data Understanding and Visualization
- ◆ Data Analytics
- ◆ Machine Learning
- ◆ Deep Learning
- ◆ Deployment
- ◆ Cloud Services

Technical Skills

- ◆ **Programming:** Python (NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn), C, SQL
- ◆ **Data Analysis:** Data Cleaning, Statistical Modeling, Data Visualization
- ◆ **Machine Learning:** Supervised learning, Unsupervised learning
- ◆ **Deep Learning:** ANN, CNN, RNN, [CV, NLP]
- ◆ **Tools:** My SQL, Git, Docker, Excel, Tableau

Technical Training

International School of Engineering [INSOFE]

Post Graduate Program Computational Data Science | *March 2022 - Pursuing* |

Education

B V C Institute of Technology and Science, Amalapuram. **JNTU, Kakinada**

Bachelor of Technology [Mechanical Engineering]- 2022 (CGPA: 7.04)

Projects

[Merchant Fraudster Prediction]

- ♦ **Purpose: To predict whether the merchant is fraudster or not**
 - Understood given business problem statement, done analysis and visualization on given data.
 - Done Feature engineering on Ip address , merchant registered date-time using netaddr, datetime python packages and pre-processing steps.
 - Built various supervised Machine learning classification algorithms and employed ensemble methods with hyper-parameter tuning and enhanced performance of model.

[Binary Classification with a Tabular Credit Card Fraud Dataset]

Kaggle competition - Playground Series 3 Episode 4

- ♦ **Purpose: To Predict whether credit card transactions were fraudulent or not**
 - About the credit card transaction is Fraudulent or not. Given data contains only numerical input variables which are the result of PCA transformation excluding time and amount.
 - Handled severely imbalanced data and implemented various supervised Machine learning classification algorithms.

[Ordinal Regression with a Tabular Wine Quality Dataset]

Kaggle competition - Playground Series 3 Episode 5

- ♦ **Purpose: To predict the price of houses in Paris**
 - Understood the problem statement and given data by taking overview report. Done data cleaning and pre-processing along with visualization.
 - Analysed various attributes (house features) and their relation with target (house price). Constructed various Machine Learning regression models.

[Regression with a Tabular Paris Housing Price Dataset]

Kaggle competition - Playground Series 3 Episode 6 - Rank 40/780

- ♦ **Purpose: To predict the price of houses in Paris**
 - Understood the problem statement and given data by taking overview report. Done data cleaning and pre-processing along with visualization.
 - Analysed various attributes (house features) and their relation with target (house price). Constructed various Machine Learning regression models.

Projects

[Personal Virtual Voice Assistant]

- ◆ **Purpose:** To control and access computer with voice commands
 - A virtual assistant that can do various things such as greet user, tell the time, play music on YouTube, send messages on WhatsApp, search the web, and open applications on your computer, among others. It uses various APIs such as SpeechRecognition, Pyttsx3, PyWhatKit, Wikipedia
 - It will ask for a password. If the password is correct, it will start listening for commands. You can ask it to perform various tasks, and it will respond accordingly.

[Design and Fabrication of Artificial Intelligence based Electric Vehicle]

- ◆ **Purpose:** To automate an electric vehicle with less human interference
 - Designing structure of the Vehicle for efficient load carrying
 - Positioning mechanical, electrical and electronic components maintaining load balance
 - Installed Raspberry Pi 4, relay circuit and ultrasonic sensors for detecting obstacles and navigate passengers to go in safe direction.

COURSE CERTIFICATIONS

- Completed Programming essentials in PYTHON, WEB DEVELOPMENT FOR EVERYONE [HTML,CSS] Courses offered by COURSERA.
- Certificate on C Programming, PYTHON course offered by CODETANTRA.

Additional Information

- **Languages:** English, Hindi, Telugu