**EXPERIENCE :**

**Data Science Internship** Jan 2024 - May 2024

Full stack academy- OnSite - Hyderabad, India

ROLE :

Data Cleaning and Preprocessing, Exploratory Data Analysis (EDA), Feature Engineering, Feature Scaling, Statistical Analysis and Predicting Analysis, Implementing various models in Classification and Regression like Linear regression, logestic regression, Random forect, Decision tree, KNN, SVM in Regression and Classification etc., Predicting Model and Model Deployment in Flask and Streamlit. Build Real time Projects

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**Full stack Data Science and Ai Training** Dec/2022 – Apr /2023

Naresh i technologies - Hybrid - Hyderabad, India

ROLE :

 **Data Cleaning and Preprocessing**:

* Handling missing values
* Data transformation and normalization
* Dealing with outliers and inconsistencies
* Data formatting and restructuring

 **Exploratory Data Analysis (EDA)**:

* Descriptive statistics
* Data visualization techniques
* Identifying patterns, trends, and insights
* Hypothesis testing and initial data insights

 **Feature Engineering**:

* Creating new features from existing data
* Feature selection and dimensionality reduction
* Techniques like one-hot encoding, scaling, and transformation

 **Statistical Analysis and Machine Learning**:

* Introduction to statistical concepts
* Supervised vs. unsupervised learning
* Key algorithms (linear regression, decision trees, clustering, etc.)
* Model evaluation and validation techniques

 **Advanced Machine Learning**:

* Deep learning basics and neural networks
* Natural Language Processing (NLP)
* Time series analysis
* Ensemble methods and advanced algorithms

 **Model Deployment**:

* Saved the model pickle
* Model Deployed in Flask and Streamlit with basic HTML designs
* Deployment model in Cloud Azure ml

 **Big Data Technologies**:

* Introduction to big data ecosystems such as Databricks, Hadoop, Spark
* Distributed computing and data processing
* Working with large datasets

 **Data Science Tools and Libraries**:

* Programming languages (Python, R)
* Key libraries (Pandas, NumPy, Scikit-learn, TensorFlow, NLTK, Spacy, Opencv etc.)
* Data visualization tools (Matplotlib, Seaborn, Plotly)

 **Project Management and Communication**:

* Managing data science projects
* Communicating results and insights to stakeholders
* Documentation and reporting

 **Capstone Project**:

* End-to-end data science project
* Build Real time Projects
* Applying learned concepts to solve a real-world problem
* Presentation and peer review