

Kothatelugu Neeraja

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Objective

I am a recent graduate with knowledge in data science and AI. I am looking for an opportunity to apply my skills in machine learning, Python, and data analysis to real-world problems and gain practical experience.

Education

Megha Institute of Engineering and Technology for Women

Sept 2021 – June 2024

Bachelor of Technology

- Electrical and electronics engineering

Teks Academy Hyderabad

Dec 2024 – June 2025

Data Science and Artificial Intelligence

- Learned Python, Machine Learning, SQL, Power BI, Deep Learning, and Data Visualization

Projects

Telangana Energy Consumption Analysis

- Built a machine learning model using Decision Tree to predict electricity usage in Telangana based on area-wise features.
- Cleaned and encoded data, evaluated model accuracy, and visualized consumption trends using Python and Seaborn.
- Tools Used: Python, Pandas, NumPy, Seaborn, Scikit-learn, DecisionTreeClassifier

Rainfall and HR Analytics (Statistical Analysis)

- Performed time-series and regression analysis for Kerala's rainfall and flood trends (1904–2018).
- Used statistical techniques to predict HR attrition based on departmental and salary features.
- Tools Used: Python, Pandas, NumPy, Matplotlib and Seaborn, SciPy

Income Evaluation Project (Power BI)

- Cleaned and preprocessed large datasets for income categorization. Build interactive dashboards in PowerBI using DAX functions.
- Analyzed income segmentation across different categories
- Tools Used: PowerBI, Csv, Dataset

Technologies

Concepts: Data Science, Artificial Intelligence, Machine Learning, Deep Learning, Data Analytics, Exploratory Data Analysis (EDA), Data Visualization, Model Evaluation.

Programming Languages: Python, SQL

Data Analysis and Statistics: Pandas, NumPy, Statistics, SciPy

Machine Learning and AI Frameworks: Scikit-learn, TensorFlow, Keras

Visualization Tools: Power BI, Matplotlib, Seaborn

Awards and Certifications

Certificates: I got Data science and AI internship certificate from Teks academy

Awards: I got 1st Prize in Chess Champions.