PRANEETH VA

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in PRANEETH VA

EDUCATION

M.SC Decision and Computing Sciences   2023-present
Coimbatore   Institute of Technology   Coimbatore,India
 CGPA:7.1
upto 4th semester

PROJECTS

Hotel occupancy prediction
- **Tools Used:** Python,pandas,Scikit-learn,Statsmodels
- Developed a full-stack machine learning pipeline using RandomForestClassifier to predict room occupancy, achieving 94% classification accuracy after applying feature scaling and model tuning.
- Machine Learning & Forecasting: Scikit-learn (RandomForest, KMeans, AgglomerativeClustering), Statsmodels (ARIMA)

Car sales prediction
- **Tools used**: Python,Pandas,Numpy,Scikit-learn,Matplotlib,Seaborn
- Developed a classification model using Linear Discriminant Analysis (LDA) to categorize car prices into High vs Low segments, attaining an accuracy of 87.00%, with performance validated via confusion matrix and classification report.
- Evaluation Metrics: Classification Report, Confusion Matrix, Accuracy Score, Actual vs Predicted Scatter Plots

Tour booking website
- **Tools used:** Html5,Css3,Javascript
- Designed and developed a fully responsive travel booking website using HTML5, CSS3, and JavaScript, catering to one-way, round-trip, and multi-city journeys.

SKILLS

Languages: Java,python,HTML,Javascript
Database: Oracle
Web Development frameworks: Flask
Developer Tools: VS code

Area of Interests

Mobile App Developement **|** Full Stack Developement **|**   Data Analyst

CERTIFICATIONS

- **Hackerrank:** Python and Java Basics
- **Great Learning:** Inheritance in Java
- **Simplilearn:** Intoduction To Data Analytics
- **Cognitiveclass:** Data Analysis with Python