Tejas Posupo

tejasposupo@gmail.com | DOB (14-Mar-1997)
Languages: English | Telugu | Hindi | Ph: +91 8919016188

EDUCATION

CENTRAL UNIVERSITY OF RAJASTHAN
MSc Data Analytics
2021 to 2023 | Rajasthan
GPA: 7.04

ADIKAVI NANNAYA UNIVERSITY
BSc in Computer Science
2015 to 2020 | Rajahmundry
GPA: 6.72

COURSEWORK

GRADUATE
Statistical Methods
Python And MySQL
Foundations Of Data Science
Cloud Computing
Machine Learning
Deep Learning
Natural Language Processing

UNDERGRADUATE
Computer Fundamentals
Syntax of Languages
Data Structures
Database Management Systems
Software Engineering
Linear and Vector Algebra
Differentiation Integrals

LINKS

Portfolio:// **tejasposupo.github.io/Tejas/**
Github:// **github.com/TejasPosupo**
LinkedIn:// **linkedin.com/in/TejasPosupo**

SKILLS

Data Science:
Python with NumPy and Pandas • Time Series Forecasting • Machine Learning Predictions
Programming Languages:
Python • SQL
ML & DL:
Model Selection • Feature Prioritization • NLTK • RNN • NLP • PyTorch • Keras • Tensor flow • Scikit-Learn • CNN • Transfer Learning • Supervised/Unsupervised Learning

WORK EXPERIENCE

PHN TECHNOLOGY | Data Science Intern (Remote)
Aug 2023– Dec 2023 | Maharashtra

- Developed and implemented a machine learning model to predict Wind Turbine Failure Detection
- Demonstrated proficiency in data pre-processing, exploratory data analysis, and model training and evaluation.
- Identified important features for predicting wind turbine failure status.
- Contributed to the development of a system for monitoring and predicting wind turbine failures.

ACADEMIC PROJECTS

REAL ESTATE PRICE PREDICTION PROJECT | Link
June 2023 – July 2023

- Developed a Bengaluru house price prediction model using Linear Regression, achieving a high accuracy score.
- Conducted comprehensive data cleaning, handled outliers, and implemented feature engineering for improved model performance.
- Utilized K Fold cross-validation and GridSearchCV to fine-tune models and optimize hyper-parameters.
- Collaborated on an end-to-end data science project.

MOVIE RECOMMENDATION SYSTEM | Link
April 2023– May 2023

- Developed a movie recommendation system using cosine similarity .
- Predicted similar movies based on genre, cast, director, plot, and language.
- Calculated cosine similarity to establish relationships between movies and developed a recommendation function.
- Enhanced the user experience by personalized movie recommendations.

NLP-DRIVEN SENTIMENT ANALYSIS AND WEB SCRAPING | Link
Mar 2023 – April 2023

- Developed a robust web scraping script for extracting article text from diverse URLs.
- Conducted sentiment analysis to derive positive and negative scores, polarity, and subjectivity of article content.
- Computed linguistic features such as average sentence length, percentage of complex words, and fog index.
- Applied effective text pre-processing techniques, including stemming and stop word removal, to enhance accuracy.
- Generated a structured output dataset with calculated variables for further analysis.

CERTIFICATIONS

- **IBM Data Science Professional Certificate** -IBM | COURSERA
- **Business Analytics BOOTCAMP** - Skill Academy
- **Created a Database with Modeling Tool in MySQL Workbench** - COURSERA
- **Language Classification with Naive Bayes in Python** - COURSERA
- **Visualizing Filters of a CNN using TensorFlow** - COURSERA