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OBJECTIVE

Highly numerate and team oriented problem solver with Bachelor's degree in Mechanical Enigineering. A proactive and fast learning individual seeking an opportunity to work as a Data Scientist utilizing analytical & methodical skills and relevant expertise to help the company achieve business goals while sticking to vision, mission and values

EDUCATION

- **Jawaharlal Nehru Technological University** — Telangana, India
  Bachelor of Technology in Mechanical, 64% — Aug 2017- May 2021
- **Sri Gayatri Jr. College** — Telangana, India
  Higher Secondary education, 94% — Jun 2015 - Apr 2017

PROJECTS

- **Recommender System:**
  - Recommender systems are important subclass of Machine Learning Algorithms which suggests items based on user prefereces.
  - These are mainly classified into two categories namely Collaborative filtering and content based filtering.
  - The one which I have made is a Collaborative filtering kind of Recommender system.
  - This Model is capable of predicting Movie names that a User would like to watch based on his previous watchlist.
  - It uses simple correlation among the movies to predict the output.

- **Life Expectancy Model:**
  - It is a model which predicts Life expectancy of an individual based upon the factors that may affect or boost one's Life.
  - It is a model builded upon Life Expectancy dataset provided by WHO.
  - It is created by using Multiple Linear regression model which is a Supervised Machine Learning model.
  - I have seen many of them using Flexible models(like Random Forests, Xgboost etc.) to get 90%+ of score on this dataset where by just using simple Feature engineering techniques.
  - I have used basic and simple model i.e., Linear Regression to get 95%+ Score by using proper Feature engineering techniques.
  - I have opted that because it always good to use a Model that has Good Interpretability.

SKILLS

- Proficient with Python programming language.
- Strong understanding of Machine learning Algorithms and Predictive modelling.
- Good understanding of data cleaning amd modelling.
- Efficient in Data Manupulation and Analysis using python libraries like Numpy, Pandas and Scipy.
- Efficient in Data Visualization using python libraries like Matplotlib and Seaborn.
- Basic understanding of Deep Learning using Keras-Tensorflow library.