PRASHANT

Data science and Ml enthusiast

dahiya.prashant210@gmail.com 9350076072 *Website Link* Linkdin

As an enthusiastic student with a passion for data science and machine learning, I am excited to embark on a journey into the world of cutting-edge technology and analytics. My educational background and keen interest in data-driven insights have equipped me with a solid foundation in programming, statistical analysis, and ML techniques.I am driven by a desire to continuously learn and expand my skill set.

Education

NIIT University , Neemrana *2020-present*

- Bachelor of Technology in Computer Science (Data Science)
- CGPA -7.97

Rishikul Vidyapeeth , Sonepat *2020*

- Class 12 (Grade -89.8)

Skills

- **Programming** *Java and Python*
- **Data Science & ML** *Statistical mastery,ML Algorithms, Numpy, Pandas, Sckit-Learn, Matplotlib,Tensorflow*
- **Other** *Github, Git (Version Control) , SQL*

Projects

Recommendation System *6-2023 to 7-2023*

- Created dataset of dramas by scraping data from a drama site with 7 features, conducting data analysis and preprocessing.
- Utilizing both similarity and TF-IDF techniques to provide accurate drama recommendations.
- Developed a recommendation system for Netflix user ratings. By employing advanced machine learning techniques including matrix factorization and user-item similarity, I constructed a robust model with 13 features.
- It achieved RMSE of 1.159 and a MAPE(Mean Absolute Percentage Error) of 32.02 % on sample data.
- Link-Source Code

7-2023 to 8-2023

Quora Question-Pair

- Conducted an in-depth analysis of Quora question pairs. Extracted both fundamental and advanced features from the text data.
- Employed advanced techniques including TF-IDF and Word2Vec to generate additional 218 features, enriching the dataset's information.
- Leveraged the output of XGBoost as a supplementary input to Logistic Regression.
- Achieved a log loss of 0.4107, demonstrating the effectiveness of the combined model in accurately identifying similar question pairs on Quora.
- Link-Source Code

Certificate

Python Libraries for Machine Learning