

PRASHANT

Data science and Ml enthusiast

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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 , Sonapat** 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](#)
- **Quora Question-Pair** 7-2023 to 8-2023
 - 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**