Manoj Kumar

Ranchi | manojsofttech07@gmail.com | +91 8252039496 | LinkedIn | GitHub

SUMMARY

Data Science enthusiast with a strong background in statistics, probability and computer science, experienced in data analysis. Proficient in Python, SQL. Committed to utilizing data-driven insights to solve complex real-world problems.

EDUCATION

Cambridge Institute of Technology — Ranchi
Bachelor of Technology, Computer Science and Engineering — 2021-25

SKILLS

Languages and Tools	: C, Python, SQL(MySQL), GitHub
Libraries & Frameworks	: NumPy, Pandas, Matplotlib, Seaborn, Sk-Learn, Selenium,
Data Science & Machine Learning	: Data Collection, Data Preprocessing, Data Visualization Supervised and Unsupervised Machine Learning, Deep Learning
Mathematics for ML & DL	: Vectors, Statistics, Probability, Matrices

EXPERIENCE

Machine Learning Internship | Cognifyz Technologies – (May 2024 – June 2024**)**

- **Restaurant Ratings Prediction :** Built a machine learning model to predict the aggregate rating of a restaurant based on other features. Implemented and evaluated various regression models and I got r2_score of 0.92 and MSE 0.04 on Decision Tree Regressor.
- **Restaurant Recommendation :** Created a restaurant recommendation system based on user preferences. Preprocess data and implemented content-based filtering to recommend restaurants based on user preferences for cuisine and price range. Tested and evaluated recommendations with sample user preferences.

PROJECTS

- **Book Recommender System :** source code
  This book dataset has over a million rows. I used both popularity-based and content-based recommender systems. It gives recommendations based on cosine similarity. Using Python, Flask, HTML and CSS , I converted it into a website. Library used : NumPy, Pandas, Matplotlib, sk-learn, Flask. live demo
- **Movie Reviews Sentiment Analysis :** source code
  After cleaning and preprocessing the IMDB Dataset of 50K Movie Reviews, I used TF-IDF vectorization. Among various Naive Bayes algorithms, I achieved the accuracy of 92% with Multinomial Naive Bayes algorithm

COURSES & CERTIFICATIONS

- Machine Learning Specialization — coursera
- A-Z Machine Learning with Python — udemy
- Basic Python — hackerrank