MD MERAJ ALAM

B.Tech – Computer Science & Engineering - NIT, PATNA

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PROJECTS

MARKET BASKET ANALYSIS —

In this project, we study items that are likely to be purchased together. Its aim is to discover groups of items that are frequently purchased together so that stores or e-commerce websites can better organize their layouts. This is usually done so that complementary items that belong to one group are placed together in the store.we do this project using Apriori Algorithm and association rule in ML.

Tech Stack - Python, Google collab.

https://github.com/mdmeraj1319/Market-Basket-Analysis

Alzheimer's Disease Prediction — (Minor-Project)

Using The data provided by the ADNI, In This Project, we develop a computer model that predicts the early stage of Alzheimer disease and we will use both longitudinal and cross-sectional MRI data. First of all we will try multiple models recently popularized in Machine learning (Logistic Regression, Decision Tree, Random Forest, SVM, etc.) and measure the performance using the AUC (Area under the receiver operating characteristic curve).

Tech Stack - Python, Google collab.

Project Mentor - Dr M.P Singh, Associate Prof. NIT PATNA

https://github.com/mdmeraj1319/MINOR-PROJECT

HOSPITAL MANAGEMENT SYSTEM —

This project is based on decreasing the work that is done manually at Hospital centres. Every single step is done with the help of system services such as Booking Appointment, Searching patient details, Adding new Doctor entry, staffs detail, and prescription store into databases. This helps in reducing lots of paperwork and file work in the hospitals which will make easy management of hospitals

Project Mentor - Dr Tanweer Haider, Associate Prof. NIT PATNA

Tech Stack - HTML,PHP,XAMPP-SERVER.

https://github.com/mdmeraj1319/Hospital-management-System-

EDUCATION

National Institute of Technology, Patna —
B.Tech Computer Science
JULY 2017 - ONGOING   **CGPA – 8.34**

+2 Quasimi High School, Gaya
12th - APRIL 2015 - APRIL 2016 - **69.4%**

Janta high school, Dumariya-Gaya
10th - APRIL 2013 - APRIL 2014 - **70.2%**

SKILLS

- **Languages:** C, C++, python(novice).
- **Database:** MySQL.
- **OS Platforms:** Windows, Linux(novice).

INTERESTS

- **Pattern Recognition.**
- **Machine Learning.**
- **Image Processing**

SPORTS PROGRAMMING

CODECHEF : 3 star ,rating-1651 ,handle -md_meraj1319

SPOJ: problem solved-155   handle- md_meraj1319

Hackerrank: Number of problems solved:- 128/563

Problem-solving:- Gold Badge 6 star

C++:-Gold level Badge 5 star

30 Days of code:- Gold Badge 5 star

Handle- mdmerajalam1319

INTERVIEWBIT:- Score -72324 handle- mdmerajalam

ACHIEVEMENTS

- E-YANTRA (IIT BOMBAY) Certificate of Completion.

POSITIONS OF RESPONSIBILITY

- **Twitter Handler** at Media and Advertising Club, NIT Patna.

EXTRA CURRICULUM

- Teaching Member at Sankalp, NSS unit of NIT Patna