

Raj Aryan

Bachelor of Computer Applications
Aryabhatta Knowledge University, Patna

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Education

- Aryabhatta Knowledge University, Patna** 2021 - Ongoing
Bachelor of Computer Applications CGPA: 8.01
- Prakritik School** 2020
Class 12(10+2), Central Board of Secondary Education, Bihar Percentage: 76.00
- Shivam Public School** 2018
Class 10, Central Board of Secondary Education, Bihar Percentage: 82.20

Personal Projects

- Movies recommend system - Movies predict based on user Input** [Link](#) (Apr2023-Jun2023)
iNeuron.ai
 - TECH-STACK:** Python, GUI, NumPy, Pandas, Matplotlib, Sklearn, Linear Regression, Polynomial Regression, API, Pickle, Flask.
 - Role:** I build the basic all setup of the project like python, Machine learning algorithms, EDA, flask, stremlit etc.
 - We can implemented the similarity.pkl to get the recommendations from the functions and get the accuracy around 80%
 - Impact:** By this project I get some leadership qualities.
- Chatbot - Currency Convertor.** [Link](#) (Jun2022-Aug2022)
 - Web Chatbot:** Currency conversion and interactive conversations.
 - Implemented of Dialogflow for the chatbot to achieve 90% accuracy.
 - TECH-STACK:** MERN – Python, Flask, DIAL FLOW(google framework), Ngrok.
 - This is the chatbot by which we can connect to the web and convert the currency amount and we try to talk with them .
- Big mart sales prediction** [Link](#) (Sep2022-Nov2022)
EISystems Technologies
 - TECH-STACK:** Python, NumPy, Pandas, Matplotlib, Sklearn, Linear regression, polynomial regression, Xqboost
 - Big Marts to keep track of each item's sales data to anticipate potential consumer demand and update inventory management.**
 - With the Implementation of our machine learning model, we can forecast the big-mart's sales. We must analyse the data before making any predictions about sales in certain markets.**
 - Implemented XGBRegressor for Bigmart to achieve 60% accuracy
 - Impact:** Through this study, I'm learning how retailers boost their products' sales.
- Nigeria food price prediction** [Link](#) (oct2023-Nov2023)
omdena AI projects
 - TECH-STACK:** Python, NumPy, Pandas, Matplotlib, Sklearn, Feature engineering,Eda,stremlit,r2score,decisiontree, Xqboost.
 - by this project it deal to predict the price of the food in the Nigeria country.**
 - Impact:** Through this project we get the avarage price or accurate price of the food with quantity in the Nigeria country.
 - Lead in Feature Engineering:** This involves identifying and selecting relevant features (variables) from the dataset that are most useful for predicting food prices. It could include data preprocessing, transformation, and creating new features to improve model performance.

SKILLS

- **Programming** : Python, C, C++.
- **Data Science** : Machine Learning, Data Analytics, EDA, Feature Engineering, SQL, PowerBi, ANN,RNN,NLP.
- **CS Fundamentals** : Computer Networks, Database Systems, Operating Systems, Object Oriented Programming.
- **Soft Skills** : Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.
- **Other Skills** : Documentation, English, Graphical user, Interface, Excel.

Experience



Junior Machine Learning engineer

Omdena

Oct 2023 - Present (8 Months) [[letter of recommendation](#)]

- Projects -Kano, Nigeria Chapter - Analyzing and Predicting Food Prices in Nigeria Using Machine Learning and Python.
- Projects-Sri Lanka Chapter- GESI and CSOs Media Data Harvest: Enhancing Understanding And Advocacy

LANGUAGES

- English** : Professional proficiency
- Hindi** : Native proficiency

INTERESTS

Machine Learning, Data Analytic, Data Science