Priyanshu Ranjan

Data Scientist

A self-motivated and hardworking individual dedicated towards his goal .

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EDUCATION

B.E
DYPIEMR, Pune

12/2021 - Present   *7.54*

Courses
- Ai and Data Science
- Minor-Data Science

HSC
Delhi Public School, Patna

04/2019 - 04/2021   *86.2%*

Courses
- Physics Chemistry Maths and Computer Science

SSC
Delhi Public School, Patna

03/2010 - 03/2019   *94.2%*

WORK EXPERIENCE

Intern
Wipro

05/2024 - Present

Achievements/Tasks
- Developed document parser using LLM.
- Built RAG (Retrieval Augmented Generation) based question answering system for SOC 3 reports.
- Targeted unstructured data source such as PDF.
- TECHNOLOGY- Python, NLP.
- LIBRARY- Pandas, Numpy, Langchain, NLTK, PyMuPDF.

Data Science Intern
Uplyrn

12/2023 - 05/2024

Singapore based edtech startup.

Achievements/Tasks
- Developed course recommender system to enhance user experience.
- Processed and cleaned large amount of raw data using advanced algorithms and machine learning techniques, resulting in data accuracy and analysis speed.
- Developed a sophisticated chatbot using Dialogflow for the company's website; enhanced customer interaction
- Managed the team of interns as an intern lead.
- Technology- Python,Dialogflow, NLP.
- Libraries-Pandas, numpy , seaborn, nltk etc.

SKILLS

Technical- Python ,SQL

Library-Pandas ,Numpy, Seaborn, Matplotlib, Scikit-learn.

Soft Skills-Communication, Problem Solving, Team Collaboration.

SELECTED PROJECTS

Course Recommender System (12/2023 - 01/2024)
- Conducted survey to understand customer requirements.
- Conducted extensive data preprocessing on an uncleaned dataset, improving data quality through cleaning and normalization.
- Implemented TF-IDF (Term Frequency-Inverse Document Frequency) to effectively analyze and rank course relevance based on user preferences.
- Utilized stop word removal and text tokenization to refine the input data, optimizing the accuracy of course recommendations.
- Enhanced recommendation accuracy through iterative model tuning and evaluation, leading to improved user satisfaction.
- Technology-Python,NLP
- Libraries-Pandas, numpy, NLTK, spacy.

Car Price Predictor end to end project
- Developed an end-to-end car price prediction tool using Flask API, enabling real-time price estimates based on user input.
- Created a simple form using html ,css and javascript.
- Used regression model and used mean squared error and R-square to check the functionality of the model.
- Technology-Python, Html, Css, Javascript.
- Libraries-Pandas, numpy , seaborn ,matplotlib, sklearn,flask.

ACHIEVEMENTS

Sports Director, Rotaract club

Basketball player in college team

Served as NCC cadet

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

Artificial Intelligence | Data | Basketball