



Manish Rai Choudhury

Data Scientist

I am passionate data scientist with a strong foundation in machine learning, statistics, and NLP. Skilled in Python, C++, and object-oriented programming. Excited to apply analytical mindset to solve complex problems and drive valuable insights from unstructured data. Ready to contribute and make an impact in data science and NLP. Eager to optimize processes and contribute my analytical mindset, aiming to make a tangible impact in this dynamic and evolving field.

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EDUCATION

B.Tech in Computer Science and Engineering

Heritage Institute of Technology

08/2019 - 07/2023

8.6

WORK EXPERIENCE

Subject Matter Expert

Chegg, Bartleby

04/2023 - Present

Achievements/Tasks

- Collaborated with students to complete homework assignments, identify lagging skills, and correct weaknesses.
- Provided homework assistance using specific curriculum and materials.
- 200+ Question on Statistics, Linear Algebra, Probability and Advance Mathematics.

Data Science Intern

The Spark's Foundaiaon

02/2023 - 03/2023

Achievements/Tasks

- Make a Power BI Dashboard on IPL Dataset and one project on Credit Card Fraud Detection Machine Learning project.
- Completed data cleaning and data validation of existing spreadsheets to promote robust data management platform, resulting in accurate data analysis and entry.
- Identified, analyzed, and interpreted trends or patterns in complex data sets by finding correlations and visualizing with charts.

Technology Virtual Experience Program

Deloitte

10/2022 - 11/2022

Achievements/Tasks

- They provide virtual Experience in some leading Technologies like Data Analysis, Coding, and Development. Also done some hands-on practice on these technologies .
- Skilled at working independently and collaboratively in a team environment. Self-motivated, with a strong sense of personal responsibility.

Machine Learning Industrial Trainee

Internshala

07/2022 - 09/2022

Achievements/Tasks

- Prototyped machine learning applications and quickly determined application viability. Studied new technologies to support machine learning applications .
- Designed, implemented, and evaluated new models and rapid software prototypes to solve problems in machine learning and systems engineering.
- Leveraged artificial intelligence and machine learning algorithms for standalone products and enhance existing product offerings.

SKILLS

Python

Flask

Django

Scikit-Learn

TensorFlow

NLTK

Langchain

SpaCy

Hugging-Face

Transformers

MongoDB

Oracle

SQL

Git

Github

Power BI

Machine Learning

Deep Learning

NLP

Selenium

Beautiful Soup

GCP

AWS

Data Science

Analytics

Data Visualization

PERSONAL PROJECTS

Python projects

- Web Scrapping our college result website and get the result of all students of our college and store them into an Excel sheet
- Web app using Folium library which locates volcanos of USA and population range of USA according to each location
- Feel Good mobile app using Kivy library which analysis your emotion and enlightens your emotion accordingly

Machine Learning Projects - Trip Planner

- A recommender Based System that helps to recommend the best places, hotels, and flights for the destination, day-wise trip planning and total cost for the trip, and used Stream-lit for web designing and deployment.
- Tech used and Features : Content and collaborative Based Recommendation system, Web Scrapping, Text Summarization, Location Detector, Route Finder.
- Libraries used- NLTK, ML Algorithms, Beautiful Soup, Folium, Stream-lit,

Performance Score Prediction

- End-to-End project using flask, git, structured wise code (modular coded) and deployed via CI/CD pipeline using AWS.
- This project helps me for better understanding to write an industry level modular coding along with enhancing the Machine Learning Concepts.
- Learn to Deploy a ML project using AWS as well as using Docker and get clear understanding of the cloud computing and the cloud platforms.

Sentiment Analysis on a Blog Page

- Scrape all the article of the Black-Coffer site and extract article's topic and content
- Perform sentimental analysis on these articles and store the derived score of each articles into a spreadsheet.
- Libraries used: Beautiful Soup, NLTK, pandas, excel writer

Deep Learning Projects:

- Image Caption Bot, Image Classification, Disease Classification, and other Deep Learning neural networks (CNN)

NLP Projects:

- Movie Recommendation, Place Recommender, Topic Modelling on New Article DataSets, and other projects on the review system and Text analysis using LSTM