

RAVI KUMAR MAURYA

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Driven Analyst with a strong interest in Python, Data Science, and Statistics. Seeking opportunities to leverage and expand my knowledge in diverse fields.

EXPERIENCE:

Python Developer Internship

Jun 2023- Aug 2023

- I worked at a startup for 2 months as a Python developer, where I handled NSE live data extraction from Zerodha's API. I analyzed open and close prices, high and low values, OI, volume, etc., and conducted market sentiment analysis to predict bullish or bearish trends. Automation was achieved with Linux commands, and I used tools like AWS, Linux, Git, SecureCRT, and Python for the project.

PROJECTS:

Scrapped Cricket Data from ESPN Cricinfo & Analysis

Oct 2023-Present

- Scraped cricket match data from ESPN Cricinfo using Selenium and BeautifulSoup, extracting key details from commentary sections. Organized and stored the data in separate CSV files for 1st and 2nd innings, enhancing readability with Pandas.
- Developed a user-friendly function for analyzing a specific batsman's performance against different bowlers. Calculated essential performance metrics, including total runs, dot balls, boundaries, and strike rate for the selected batsman.

Credit Risk Modelling

Sep 2023 - Sep 2023

- Built a credit scoring model with a Random Forest Classifier, achieving 91% accuracy.
- Demonstrated effective credit default identification with 89% precision and 90% recall, enhancing decision-making.

Personalized Product Recommendations on Flipkart

April 2023- April 2023

- Developed an advanced product recommendation engine by leveraging web scraping techniques to gather comprehensive product data from Flipkart's catalog.
- Designed a user-friendly interface to simplify product searches for Flipkart customers, enabling effortless discovery of top 5 rated products tailored to their preferences.
- Presented the top five recommended products with direct links, streamlining the decision-making process and enhancing user convenience.

EDUCATION:

Master's Degree – Statistics

2019-21

University of Allahabad, UP

8.65

Bachelor's Degree - Mathematics & Statistics

2016-19

DDU Gorakhpur University, UP

63.25

SKILLS:

- Python, Web Scraping, Machine Learning, Linux, MS Office, Notion, HTML, SQL, R (Beginner)

TRAINING & CERTIFICATION:

- Google Data Analytics by Google on Coursera
 - Programming and Problem Solving through Python from NIELIT
 - IT Tools and Network basics from NIELIT
 - Web designing and publishing from [NIELIT](#)
 - Programming in Python from IIT Madras
- Grade-A
Grade-A
Grade-B
Grade-B

ACHIEVEMENTS AND ACTIVITIES:

- Ranked 4th** in the Programming Competition by [IIT Madras](#).
 - Achieved a 5-star rating on [Hackerrank](#).
 - Solved 100+ problems on [CodeChef](#).
 - Completed an internship in Data Science at Infovirtech Pvt. Ltd.
 - Participated in the International Workshop on Machine Learning & Its Application from IGNTU, Amarkantak, M.P.
- Dec-2022