

Abhishek Choudhary

Data Science Intern

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PROFILE

Aspiring Data Science Intern with a strong foundation in Python, NumPy, Pandas, SQL, statistics, and data visualization tools such as Power BI and Tableau. Hands-on experience in Machine Learning, Natural Language Processing (NLP), and Regular Expressions (Regex) for data cleaning, text preprocessing, and pattern extraction. Worked on real-world projects including Laptop Price Prediction, Cars24 Car Price Prediction, Zomato data analysis, and Netflix movie analysis. Highly motivated to apply analytical and NLP skills to solve real-world business problems.

EDUCATION

Data Science Trainee, TIPSG - RNS Group of Companies <ul style="list-style-type: none">Trained in Python, NumPy, Pandas, SQL, Statistics, Machine Learning, NLP, and RegexHands-on experience in EDA, data preprocessing, model building, and data visualization using Power BI & TableauCompleted projects including Laptop Price Prediction, Cars24 Car Price Prediction, Zomato Data Analysis, and Netflix Movie Analysis	04/2024 – Present Jaipur, Rajasthan
Bachelor of Computer Applications (BCA), Manipal University Jaipur 📄	08/2024 – Present Jaipur, India
Senior Secondary (12th), Shiv Shakti School	2021 – 2022

SKILLS

• Python	• Data Cleaning & Exploratory Data Analysis
• Excel	• Time Management
• SQL	• statistics
• Problem Solving	• Attention to Detail
• Machine Learning	• Power BI
• Communication & Collaboration	• NLP
• Regular Expression(Regex)	• Deep Learning
• Web Scrapping	

PROJECTS

Cars24 Car Price Prediction

- Developed a predictive model to estimate used car prices
- Applied **data preprocessing, regression models**, and performance evaluation
- Helped analyze key factors affecting car resale value

LAPTOP PRICE PREDICTION & RECOMMENDATION SYSTEM

- Built a machine learning model to predict laptop prices based on specifications
- Performed **data cleaning, EDA, feature engineering**, and model training using **Python, Pandas, NumPy, Scikit-learn**
- Improved pricing insights for better decision-making

HOTEL BOOKING CANCELLATION ANALYSIS

Performed data cleaning, EDA, and insight analysis to identify key factors driving hotel booking cancellations and support data-driven decisions.

Customer Insights NLP Chatbot Project

- Built an **NLP-based chatbot** using **Python and Pandas** to answer customer-related business queries
- Applied **text preprocessing, Regex, TF-IDF vectorization**, and **cosine similarity** for query matching
- Generated insights on **customer behavior, top products, and sales trends** through conversational analysis

Language Detection

- Built a **Language Detection system** using **Python** and **Machine Learning** to identify the language of user-input text.
- Applied **NLP techniques** such as **text preprocessing** and **TF-IDF / CountVectorizer** for feature extraction.
- Trained and evaluated models using **Scikit-learn** with **real-time prediction** capability.

CERTIFICATES

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| • - HackerRank - Python (Basic), SQL (Basic, Intermediate, Advanced) | • Deloitte Data Analytics Virtual Job Simulation via Forage. | • British Airways Data Science Job Simulation via Forage |
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