

Data Science enthusiast with a strong academic background in mathematics and computer science, experienced in data analysis, Machine Learning, and proficient in Python, SQL. Committed to utilizing data-driven insights to solve complex real-world problems..

Education

Oriental Institute of Science And Technology,
B.Tech in CSE, Specialization in Artificial Intelligence and Machine Learning

Bhopal, MP
2020 - 2024

Skills

Languages and Tools	: Python, SQL, Git, GitHub
Libraries & Frameworks	: Numpy, Pandas, Matplotlib, Seaborn, Plotly, Sk-Learn, Streamlit, Flask
Data Science & Machine Learning	: Data gathering, Data cleaning, EDA, Feature engineering, Feature selection & Extraction, Supervised and Unsupervised learning algos.
Mathematics for ML & DL	: Statistics, Probability, Linear algebra, Matrices
Tools for Data Analysis	: Tableau, Power bi, Excel
Databases	: MySQL

Experience

Data Scientist Intern British Airways	July 2024
<ul style="list-style-type: none">Completed a simulation focussing on how data science is a critical component of British Airways successScraped and analysed customer review data to uncover findings Built a predictive model to understand factors that influence buying behaviour	
Data Scientist Intern Innomatics Research Lab	Jan 2024 - Mar 2024
<ul style="list-style-type: none">Performed web scraping using Beautiful Soup to generated dataset of 650 smartphones from smartprix website.Conducted data cleaning, assessment and exploratory data analysis.Apply machine learning algorithms to make predictions based on the data.	

Project

Group Chat Analyzer	Source code
A web app built with Streamlit for analyzing chat logs. It provides insights into message statistics, sentiment analysis, word clouds, and activity timelines, all presented in a user-friendly interface.	
Technologies used : Streamlit, Pandas, Matplotlib, Seaborn, TextBlob, Emoji, Wordcloud, URLExtract	Source code
Laptop Price Predictor	
A web app that predicts laptop prices based on features like brand, type, RAM, and weight. It uses a pre-trained machine learning model with Scikit-learn to provide accurate price estimates.	
Technologies used: Scikit-Learn, Pandas, Numpy, Matplotlib, Seaborn, Pickle, OpenCV	
AI Chatbot Web Application	Live
A web app that provides AI-driven conversational experiences through interactive chatbots. It utilizes Flask for the backend and Firebase for user authentication and real-time database management, offering personalized interactions and secure session management.	
Technologies used: Flask, Pyrebase, Python, HTML/CSS, Firebase	

Certifications

- Google Data Analytics - Coursera
- Computer vision – FITT IITD
- Machine Learning with Python - IBM
- Cloud Bootcamp [geeksforgeeks](#)