

Arjun Sharma

Results-driven Data Science Trainee with expertise in Data Analysis, Visualization, and machine learning. Skilled in delivering impactful insights through diverse projects, including predictive modeling and exploratory data analysis. Adept at communicating technical concepts to non-technical stakeholders and committed to driving data-informed decision-making. Eager to leverage skills and enthusiasm to contribute to the success of a dynamic team.

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TRAINING EXPERIENCE

Data Science Trainee

AlmaBetter 

01/2024 - Present

Bengaluru

Achievements

- Proficient in **feature engineering**, **EDA**, **data visualization**, and **data analysis tools** such as **Power BI**, **Tableau**, and **Scikit-Learn**.
- Successfully completed projects, including **Netflix content clustering**, **Play Store Review Analysis**, **Retail Sales Prediction** and **Airline Passenger Referral Prediction**.
- Achieved** the position as an **SSP**, ranking within the **top 5%** rank among 320 peers.

ACADEMIC PROJECTS

Netflix Movies and TV Shows Clustering

AlmaBetter Verified Project 

03/2024 - 4/2024

- I built an unsupervised ML model to cluster text attributes in **Netflix data** for better content categorization and **recommendations**.
- Preprocessed** the data by applying **one-hot encoding**, **generating dummy variables**, checking **feature correlations**, and **standardizing for model fitting**.
- K-means** suggests 4 optimal clusters, while Agglomerative **Hierarchical Clustering** indicates 2 optimal clusters.

Falcon 9 First Stage Landing Prediction

Coursera Verified Project 

04/2024 - 05/2024

- Led the development of a predictive model to assess the probability of successful Falcon 9 first stage rocket landings.
- Utilized Python and Pandas for data manipulation and cleaning, employing machine learning algorithms for prediction.
- Communicated findings effectively, highlighting implications for decision-making in rocket launch bidding processes..

AirBnb Booking Analysis, Playstore EDA

Tableau and PowerBI Dashboard

AlmaBetter Verified Project 

04/2024 - 05/2024

- I performed Airbnb Booking Analysis and Playstore dataset EDA, data cleaning, Seaborn, and Tableau and PowerBI, examining occupancy, booking trends, demand forecasting, and competition.
- Visualizing app reviews, user sentiment, genre-specific review averages, category-wise installations, rating distribution, and the impact of app updates on installations.
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TECH STACK

Expertise in Languages & Tools (x/5)

Python - 4 || SQL - 4 || Tableau - 4.5 || Excel - 4 ||

Power BI - 4 || GitHub - 4.5 || Postgre

Platform

Jupyter Notebook, PostgreSQL, VS Code, Google Colab





ML Framework

Pandas, NumPy, Matplotlib, Plotly, Scikit Learn, NLP, Seaborn, Transformer, NLTK.

Professional Skills

Machine Learning, Analytical Skills, Data Manipulation, Data Modeling, Data Mining, Data Cleaning, Problem-Solving, Statistical Analysis, Communication skills, and Leadership.

Certificates

- Complete web development bootcamp 2023 – Udemy** 
- Coursera Applied Data Science Capstone project -** 
- Introduction to Computer Programming ("Python") - AlmaBetter**
- Play Store App Review Analysis (EDA) - AlmaBetter** 
- Product Dissection for top leading Platforms(NETFLIX) - AlmaBetter** 


PUBLICATIONS

Medium Blog

- Harnessing the Power of Data Science and AI for a Digital India
- Revolutionizing Product Authenticity in India: The QR Code System

EDUCATION

M.C.A

University Institute of Technology
Bhopal 

percentage :- 82 || 2020-2022

INTERESTS

Reading

Photography

Learning