

# Arjun Sharma

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Armed with a strong academic foundation and expertise in data analysis, statistical modeling, and machine learning. Eager to apply my skills to deliver impactful insights and solutions as a data scientist within a professional setting, driving data-informed decision-making. This concise summary effectively conveys my qualifications, aspirations, and the value i bring as a data science graduate.

## 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

### [Falcon 9 First Stage Landing Prediction](#)

[Coursera Data-Science Capstone Verified Project](#)

01/2024 - 02/2024,

Tags: *Unsupervised ML, Clustering, Count Vectorizer, TF-IDF, Content-Based filtering*

Led the development of a predictive model to assess the probability of successful Falcon 9 first stage rocket landings. Employed Python and Pandas for data manipulation and cleaning, ensuring the dataset's readiness for analysis. Utilized machine learning algorithms to predict landing outcomes, contributing to cost estimation and competitive analysis in the aerospace sector. Communicated findings effectively, highlighting the model's implications for decision-making in rocket launch bidding processes.

- Objective:** Developed a predictive model to determine the likelihood of successful landing of Falcon 9 first stage rockets, aiding in cost estimation for rocket launches and facilitating competitive analysis in the aerospace sector.
- Achievements:** Utilized Python and Pandas for data manipulation, conducted exploratory data analysis, and developed machine learning models to predict landing outcomes. Employed data science methodologies to define and formulate the real-world business problem, producing actionable insights for industry stakeholders.
- Outcome:** Successfully built a predictive model for Falcon 9 first stage landing prediction, offering valuable information for cost estimation and competitive bidding in the aerospace sector.

### [Google Play Store Apps Analysis](#)

[AlmaBetter Verified Project](#)

Tags: *EDA, Data Wrangling, Data Visualization, App Development, Business Insights* Led end-to-end Analysis of Google Play Store apps dataset to extract actionable insights for app developers and businesses. Conducted thorough data wrangling to clean and preprocess the dataset, including handling missing values, transforming data types, and removing duplicates. Utilized Python libraries such as pandas, matplotlib, and seaborn for exploratory data analysis and visualization, revealing key factors influencing app engagement and success. Provided recommendations based on analysis findings, emphasizing the significance of app quality, category targeting, and user engagement strategies. Communicated insights effectively to stakeholders, facilitating informed decision-making and strategy development for success in the Android market.

## EDUCATION

### — M.C.A(computer science)

University Institute of Technology Bhopal

percentage :- **86%** || 2020-2022

## TECH STACK

#### Expertise in Languages & Tools (x/5)

Python - 4 || SQL - 4 || Tableau - 4.5 || Excel - 4 || Power BI - 4 || GitHub - 4.5 || Looker Studio - 4.5

#### Platform

Jupyter Notebook, PostgreSQL, VS Code, Google Colab

#### ML Framework

Scikit Learn, Pandas, NumPy, NLP, Matplotlib, Plotly, 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.

## ACHIEVEMENTS

Badge in Python & SQL (10/2023)

Hacker rank Verified

## PUBLICATIONS

Medium Blog

[Harnessing the Power of Data Science and AI for a Digital India](#)

11/2024

the fusion of data science and AI presents a transformative opportunity for India. By leveraging these technologies, the government can enhance policy making, revolutionize healthcare, foster economic growth, strengthen infrastructure, and empower citizens. Let us embrace this digital revolution and chart a course towards a brighter future for all.

## INTERESTS

Reading

Traveling

Learning