Pranav Joshi, Data Scientist

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About Me

I am a dedicated and enthusiastic second-year undergrad in BTech-CSE, aspiring to build a career as a Data Scientist. With a solid foundation in programming and data analysis, I have developed proficiency in Python, Pandas, Tableau, and Java, along with a strong understanding of Object-Oriented Programming (OOPs) and Data Structures and Algorithms (DSA). My academic journey has equipped me with the analytical skills and technical knowledge necessary to interpret complex datasets, identify trends, and deliver actionable insights. I am passionate about leveraging data to drive decision-making and contribute to impactful projects in various industries. My goal is to continuously expand my skill set and gain practical experience through internships and collaborative projects, ultimately establishing myself as a skilled data analyst.

Education

Indian Institute of Technology, Madras   *8.84 CGPA*

Bachelor of Science - BS, Programming

Oct 2022 - Present

Dronacharya College Of Engineering   *8.52 CGPA*

Bachelor of Technology - BTech CSE

Oct 2022 - Present

Delhi Public School, RK Puram   *91%*

Senior Secondary, High School

May 2020 - May 2022

Skills

Languages: Python, Java, C, C++, R.

Data Visualization: Tableau, MatplotLib, SNS.

Working with Data: Pandas, MySQL, Excel, BeautifulSoup, Scikit-Learn.

Development: Streamlit

Soft Skills: Communication, Team Work, Competence, Confidence, Problem-Solving, Leadership, Spoken English.

Projects and Experience

- **IMDB Dataset Report:**

  I created an interactive dashboard for the Tableau DataViz Challenge where I created multiple graphs to explore and extract insights from the official IMDB dataset containing more than 1.3 million useful information.

  Skills Used: Tableau.

- **Disney Movies Data Creation:**

  In this project, I scraped the wikipedia page of all the disney movies, in a way to create a csv file containing all the disney movies data.

  Skills Used: Beautiful Soup, Pandas, Python, Tableau.

- **Fake News Prediction and Review Analysis:**

  These are two projects, which includes the concept of sentimental analysis to analyze the two different datasets, one containing various reviews from Amazon and the other containing various news articles of USA media. I trained my model using scikit-learn and python which is able to predict the sentiments of the review or news given to it.

  Skills Used: Scikit-Learn, Pandas, NLTK, Mathematics and Statistics, Python.

- **IPL Data Creation and Exploratory Analysis:**

  In this project, I scraped the official ESPN website in order to extract the IPL stats for the recent year in order to create different csv files which store all the matches results, all the batting records and all the bowling records for all the matches played in that respective year. After creating the files, I performed some basic Exploratory Analysis on these files to brush up my pandas skills.

  Skills Used: Beautiful Soup, Tableau, Pandas, Python, MatPlotLib.