Prakhar Srivastava

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Education

- **Jaypee University of Engineering and Technology** — Guna, India
  Bachelor of Technology - Computer Science; CGPA: 8.2 — *Aug 2021 - June 2025*
  Coursework: *Data structures and algorithm, Database management system, Object oriented programming, Statistics, Discrete Mathematics, Operating System*
- **The Aryan's School** — Jhansi, India
  Intermediate - PCM; Percentage: 93.8

Skills Summary

- **Programming Languages**: C/C++, Python
- **Databases**: MySQL
- **Automation/Scraping Tools**: Playwright, Scrapy
- **Packages/Frameworks**: Numpy, Pandas, Scikit-learn, Matplotlib, Seaborn, Plotly, Streamlit, Flask
- **BI Tools**: Tableau, Power Bi, Google Sheets
- **Data Skills**: Data Analysis, Statistical Modelling, Recommendation System, Web Scraping, Machine Learning, NLP
- **Tools**: VS Code, Kaggle, Jupyter Notebook, GitHub, Git, SQL-Workbench, Ms-Office
- **Soft Skills**: Leadership, Adapatability, Time Management

Work Experience

- **Careervira Pvt Ltd** — Remote
  Data Analyst (Intern) — *Feb 2024 - July 2024*
  - **Leads Prioritization Project (Python, Pygsheets, Playwright)**: Utilized Playwright to automate the collection of relevant LinkedIn post data, which was then fed into Hugging Face language models for intent classification. This approach resulted in a **75%** reduction in lead generation time while achieving an impressive **85%** accuracy rate in identifying potential leads' interests, enabling highly targeted and efficient outreach strategies.
  - Implemented **15+** API requests within a Scrapy framework to extract targeted data from dynamically loaded JavaScript content on websites, showcasing adeptness in web scraping and data extraction methodologies.

Projects

- **Delivery Time Estimator (Data Analysis, Machine Learning, Streamlit)**: Developed a delivery time estimator that accurately forecasts food delivery time based on multiple features with an impressive R2 of 0.84, showcasing a commendable level of accuracy and predictive power. The GUI offers a user-centric design, empowering users to customize predictions based on a diverse set of parameters and provides valuable insights gained from the data.
- **Question Answer Evaluation model (Python)**: The model compares an uploaded answer with the original to measure content similarity and uses a grammar-checking API to assess language quality. It combines both scores to provide a fair and efficient way to grade answers automatically
- **Restaurant Recommendation Webapp (Python, NLP, Content-Based Filtering Method, Gemini)**: Built a restaurant recommendation system leveraging data scraped from the Zomato website. Using BeautifulSoup, extracted various data parameters, which were then preprocessed. Employed NLP techniques to transform text data into vectors using TF-IDF vectorization. Utilized cosine similarity to recommend the top 5 restaurants in the user's region.

Certifications/Achievements

- Python for Data Science, NPTEL topper from IIT Madras
- Time Series Analysis and Forecasting Using Python - Udemy
- IBM certified Python for Data Science, AI and Development - Coursera

Volunteer Experience

- **Mozilla Phoenix**: Nov 2021 - Aug 2024
- **Rospinot**: Jan 2022 - Feb 2024
- **Juet Alumni Association**: Nov 2021 - May 2025