Areebah Suhail

Data Scientist / ML engineer

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OBJECTIVE

A Masters Student in Computer Applications with honors in Mathematics currently also pursuing B.S. in Data Science and Application. I am looking for a *Data Scientist / Machine learning engineer position*, that will help in enhancing my strengths and help me to grow in my field.

ACADEMIC DETAILS

M.C.A.	2022-2024	University of Delhi	awaited
B.S. Data Science & Application	2021-2025	IITM, Indian Institute of Technology	8.1/10.0
B.Sc. (Mathematics) Honors	2019-2022	JMI, Jamia Millia Islamia	8.87/10.0
Class XII (CBSE)	2019	HPS, Hamdard Public School	86.75%
Class X (CBSE)	2017	HPS, Hamdard Public School	9.6/10.0

ACADEMIC SKILLS

Technical
- Python (Advanced), Java (Intermediary),
- EDA using Python and Excel
- SQL for Data Base management
- Jupyter Notebook/ Google Collab,
- NumPy, Pandas, Matplotlib, Scikit-Learn,

Non–Technical Skills
- Good at Communicating and reaching out to the team.
- Emotional intelligence.
- Value of time and management.
- Tend to look out for creative ways to get the best result always.

Curriculum

Data Analysis & Interpretation, Machine Learning Framework (scikit-learn), Web App Development (Flask and Vue.JS), Linux CMD, Data Structures and Algorithms in Python and Java, NLP, Strong Mathematical Foundation in (Linear Algebra, Probability and Statistics, Calculus).

PROJECTS and ASSIGNMENTS

Flash Card learning app   *January 2022-April 2022*
- A flash card learning app using Python for backend, had an MVC(Model-View-Controller) model using Flask framework, jinja templates in HTML and CSS(Bootstrap5) for front-end operations.
- The app was successful in adding new and kept track of existing users learning paths, along with a variety of flashcard decks.
- The database was managed and created on the DB browser (SQLite).
- Technologies used broadly Python, SQL, HTML and CSS. Python libraries: SQL Alchemy, Flask, security, etc.

A Business Data analysis   *January 2022-April 2022*
- Project subject was a footwear retailer, collaborated and obtained their business data.
- 2-year's raw data of the retailer was summarized using MS Excel primarily. Analysis was done based on statistical figures and charts.
- The project helped in understanding their customer's behaviors and helps in recommendations to increase profit margins and cut losses moving ahead.

Library data project   *October 2022*
- A sample data base of a library was given, to preprocess and answer questions using Python libraries. Database was used to answer numerous questions, to draw inferences to student behavior, and sentiment analyze books.

ML Classification model for Ecommerce buyer Intention   *March 2023*
- Used a Kaggle data set to classify a buyer's intention for online purchase, 14000x22 data points.
- Did a complete EDA to understand the behavior of data set, spread of features, any kind of pattern in data.
- Did preprocessing along with normalization, SMOTE, T-Sne plot for pattern recognition, outlier removal, a stacked classifying estimator using AdaBoost, XGBoost and Random Forest – model able to achieve 0.8 f1 score from a 0.58 baseline model.

WORKSHOPS AND CERTIFICATES

1. Data mining: NPTEL (Jan - 2023)
2. Natural Language Processing: Coursera (April – Pursuing)
3. Successfully completed a 6 days' workshop on **Soft Skill training – by soft skill trainee**
4. Implementing ML techniques by **IITM** – qualified test-based workshop