Sukhleen Kaur

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Education

Chandigarh University   **April 2021 – May 2023**
Master of Computer Application   *Distance Learning*

Delhi University   **August 2017 – May 2020**
Bachelor of Science Computer Science (Hons.)   *Delhi, India*

Experience

Whitehat Jr. Pvt. Lt.   **Nov 2020 – July 2023**
Applied Tech Teacher   *Remote*
- Delivering well-structured lessons, curriculum, and instructional materials that effectively cover **Python** programming, **Data Analysis** techniques, and the basics of **Machine Learning**.
- Teaching students how to write efficient and effective Python code, adhering to industry best practices and coding standards.
- Introducing students to data analysis tools and libraries, such as **Pandas**, **NumPy**, and **Matplotlib**, and guiding them in applying these tools to manipulate, analyze, and visualize data sets.
- Instructing students on fundamental concepts of machine learning, including supervised and unsupervised learning, model evaluation, and feature engineering.

Projects

Hotel Booking Cancellation | *Python, Google Colaboratory, GitHub, Data Analysis*   **March 2023**
- Ensure data quality by handling missing values, outliers, and data type conversions using Python.
- Visualized data using histograms, line plots, and bar plots to identify patterns and relationships using google colab.
- Created a comprehensive report with visualizations and clear insights.
- Suggesting Optimizing Pricing Strategies

Car Price Prediction | *Python, Sublime Text, Streamlit, Machine Learning, GitHub*   **July 2022**
- Predicted Car prices using Machine Learning Algorithm - Linear Regression
- Performed Necessary Feature Engineering Steps to ensure better prediction
- Utilized the training dataset to estimate the coefficients (values) that minimize the mean squared error (MSE) or another relevant loss function.
- Added Recursive Feature Elimination technique.

Movie Recommendation System | *Python, Sublime Text, Streamlit*   **December 2022**
- Designed a Movie Recommendation System based on rating, popularity and Genre
- Using past History of the User to Provide new Suggestions
- Designed an interactive GUI using Streamlit framework

Technical Skills

Languages: Python, C++, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Google Colaboratory, git, Sublime Text
Technologies/Frameworks: GitHub, Streamlit, Machine Learning