

Jayant Verma

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Summary

Self-taught data scientist with experience in data analysis, data preprocessing, feature engineering and machine learning using Python. Skilled in manipulating complex datasets and developing predictive models to support decision-making. Strong communication and collaboration skills with a passion for problem-solving. Adept at working within highly collaborative environments, learning new methods, and adopting best practices. Ensures quality and timely completion of projects.

Skills

- Programming Languages - **Python, SQL**
- Libraries & Frameworks - **Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn, Streamlit, Flask**
- Data Science - **Data Collection, Data Wrangling, Data Visualization, Exploratory Data Analysis, Feature Engineering, Feature Selection, Machine Learning(Regression, Classification, Clustering), Model Evaluation, Model Deployment**

Experience

- **Database Development Intern** - ProAce International **March,2022 - May,2022**
Developed python programs to collect data of flats and apartments available for events in major cities of USA.

Projects

GitHub : <https://github.com/jayantverma2809>

Used Phone Price Prediction App - <https://lnkd.in/dEJieTEK>

- Built an app which predicts the price of the used mobile phone using its various features such as camera, battery, screen size, etc.
- Achieved test score of 78% using linear regression algorithm.
- Performed various data cleaning and feature engineering operations such as *handling missing values, duplicate values, categorical encoding, handling outliers, handling skewness of data and exploratory data analysis*.
- Designed website using Flask and deployed using Azure platform.

Cyberbullying tweet Recognition App - https://lnkd.in/d_beCUvK

- Built an app which classifies the tweet into categories based on type of cyberbullying such as age, gender, religion, ethnicity.
- Achieved overall accuracy of 84% in classifying the entered tweets using support vector classifier algorithm.
- Performed various data cleaning and text processing operations such as *stemming, lemmatization and tf-idf vectorization as well as data visualization*.

Stock Analysis App - <https://lnkd.in/g2AX5DFj>

- Built an app which performs fundamental and technical analysis on stocks listed in National Stock Exchange
- Collected data from Yahoo finance, conducted data cleaning and programmed functions to perform operations on data such as calculating different ratios, plotting charts, creating financial tables such as balance sheet, cash flow statement, etc.
- Designed and deployed website using Streamlit.

Certifications

- **IBM Data Science Professional Certificate**
- **Kaggle Certifications**
(Pandas, SQL, Data Cleaning, Data Visualization)
- **Supervised Machine Learning: Regression and Classification** - Stanford University and DeepLearning.ai

Achievements

Gold Level (5 Star) - HackerRank - <https://www.hackerrank.com/jayantverma9380>

- Python and SQL

Gold Medal in Commerce Olympiad organized by ICSI (The Institute of Company Secretary of India)

2 times Bronze Medal in Mathematics Olympiad organized by SOF (Science Olympiad Foundations)

Represented District in U-17 State Level Badminton competition organized by SGFI (School Games Federation of India)

EDUCATION

Atma Ram Sanatan Dharma College (University of Delhi)

2020 - 2023

B. Com (Prog.)

City Children's Academy - ISC

2019 - 2020

XII - 92.75%

City Children's Academy - ICSE

2017 - 2018

X - 90%