Harsh Yadav

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SKILLS SUMMARY

- **Languages**: Python, MySQL
- **Libraries**: RegEx, Textblob, scikit-learn, Matplotlib, pandas, NumPy, seaborn, snscrape-TwitterSearchScrapper
- **Platforms**: Jupyter Notebook, Kaggle Notebook, VS Code, Windows, Anaconda, Github
- **Soft Skills**: Leadership, Event Management, Problem-Solving, Time Management

EXPERIENCE

- **Data Science Intern** Remote
  Oasis Infobyte (Internship) *March 2023 - April 2023*
  - **Sales Prediction**: Built a machine learning model to predict future sales based on historical sales data using scikit-learn.
  - **Unemployment Analysis**: Extracted insights of sharp increase in the unemployment rate across the India during COVID-19 using Matplotlib and Seaborn libraries.
  - **Iris flower Classification**: Created a machine learning model to classify different species of iris flowers based on their sepal length, sepal width, petal length, and petal width measurements.

PROJECTS

- **Knowledge Graph using Social Media Posts (Web Scraping, NLP, Sentiment Analysis, Graph Database, Flask)**: Made a WebApp using Flask which can scrape the Tweets on various parameters (such as keyword, since, till, count, etc.), cleans them using RegEx, Analyses and Classifies their Sentiments using TextBlob library, visualises the results using matplotlib as the results, I then stored this classified data into neo4j database to obtain Knowledge Graph for further Quering and Analysis. **Tech**: Python, pandas, TwitterWebScrapper, RegEx, TextBlob, neo4j, Flask. (Apr '23)
- **Housing Price Prediction (Data Cleaning & Preparation, Visualization, EDA, ML Models, Cross-Validation)**: Built a ML Model that can accurately predict housing prices based on various features such as location, square footage, number of bedrooms, floors, condition, etc. **Tech:** Python, Linear Regression, Decision Tree Regression, Random Forest Regression, XGBoost, Gradient Boosting, MAPE. (Oct '22)

CERTIFICATIONS

- **Predictive Analytics** (IIM Bangalore)
- **Artificial Intelligence Virtual Experience Program** (Cognizant)
- **Data Without the Degree** (Google Arcade)
- **Data Visualization** (Kaggle)
- **Statistics Foundation 1** (Linkedin Learning)
- **Statistics Foundation 2** (Linkedin Learning)
- **Neural Networks Basics** (Analytics Vidhya)
- **Pandas** (Kaggle)
- **Machine Learning Intro** (Kaggle)
- **Python** (Kaggle)

EDUCATION

- **University of Delhi** Delhi, India
  Bachelor of Science - Physical Science with Computer Science; GPA: 8.02 (till IV Sem) *July 2020 - June 2023*
- **Vivekanand International Sr. Sec. School - Class-XII** I.P Extenstion, New Delhi
  CGPA: 8.9 *July 2019 - June 2020*
- **Vivekanand International Sr. Sec. School - Class-X** I.P Extenstion, New Delhi
  CGPA: 9.1 *July 2017 - June 2018*

VOLUNTEER EXPERIENCE

- **Umpire, Aaraz Sports & Leisures Badminton Tournament 2023**: Judged multiple badminton matches across Age categories (U13, U15, U25, A35), following an invitation to officiate the event.
- **Co-captain, MAC Badminton Team**: Organized and managed Intra-College matches and team selection tournament with 150+ participants.
- **Event Coordinator, Scintilla'23 (Annual Departmental Fest)**: Led Planning and Execution of Extempore event with 50+ participants.

ACHIEVEMENTS

- **Winner** of the Hackathon organized by JIMS(GGSIPU) Apr, 2023
- **Runner up** of the Hackathon organized by MacStak-MAC(D.U) Apr, 2023
- **Winner** of the Hackathon organized by Eniac-SRCASW(D.U) Jan, 2023