ABHISHEK JADHAV

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WORK EXPERIENCE

- **Ineuron.ai** Feb-2023-Present
PYTHON TECH CONSULTANT

- Troubleshot and debugged issues, ensuring prompt resolution.
- Worked as a Python Tech Consultant for 6 months.
- Strengthened Python programming skills and problem-solving abilities.
- Solved Technical and Non-Technical Queries in the Chat support.

SKILLS

- **Python** programming for data analysis and machine learning
- Machine Learning techniques- **Supervised , Unsupervised.**
- **SQL** for data retrieval and manipulation
- **Flask** for deploying machine learning models
- Clear **communication** and **presentation** skills
- Collaborative and **teamwork**-oriented
- Strong **problem-solving** and critical thinking abilities

EDUCATION

- **Rajarajeswari College of Engineering(Affiliated by VTU)**
MCA(Computer Applications) (2021 -2023) Percentage: 70.52%
- **Sharnbasveshwar College of Commerce**
BCA(Computer Applications) (2017-2020) Percentage: 67.13%

CERTIFICATIONS

- Pyspiders (Basavangudi) : **Full Stack Python**
- Simplilearn : **Python for Beginners.**
- LinkedIn Learning : **Data Science Foundations**

Interests

- Reading Books.
- Playing Cricket and Video Games.
- Listening Music and Podcasts.
- Watching Documentary.

LANGUAGES

- English
- Hindi
- Marathi
- Kannada

PROFILE

A highly motivated data science enthusiast with a strong background in analyzing complex data using statistical and machine learning techniques. I am passionate about extracting meaningful insights to drive data-driven decisions. With excellent problem-solving abilities and a strong attention to detail

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PROJECTS

Project: "Diamond Price Prediction Project"

Business Problem: Develop a predictive model to predict the prize of a particular diamond piece based on historical data,by using machine learning techniques,aiding in decision-making and ensuring fair transactions in the diamond industry.

Key Responsibilities:

- Collected and cleaned a large dataset of diamond information for price prediction.
- Conducted exploratory data analysis (EDA) and preprocessing using Python and Pandas.
- Automated the entire process with machine learning pipelines.
- Optimized model performance through hyperparameter tuning.
- Selected the best model based on evaluation metrics like mean squared error (MSE), mean absolute error (MAE), and R-squared score.
- Implemented modular coding using object-oriented programming (OOP) principles.

Outcomes:

- Empowered data-driven decision-making processes in the sustainable energy sector, contributing to advancements in the industry with a remarkable accuracy rate of 95% in predicting diamond prices through regression analysis.
- Enabled informed decisions regarding the valuation and pricing of diamonds, supporting fair transactions and optimizing profitability.

Project: "Web Scrapping"

Business Problem: Design and implement a web scraper that extracts product data from Flipkart, ensuring efficient and accurate collection of information. The scraper should address the following requirements:

Key Responsibilities:

- Develop and implement a web scraper to extract product data from Flipkart, including attributes such as product name, price, ratings, and reviews.
- Optimize the scraping process for scalability and performance, ensuring efficient extraction of data from multiple categories and subcategories.
- Ensure data quality and integrity by handling dynamic web pages, implementing error handling strategies, and adhering to ethical scraping practices.

Outcomes:

- Foster efficiency and automation in market research, competitor analysis, and product tracking by leveraging the scraped data for competitive advantage.

Python Project: "Build an video to audio converter"

Business Problem: Design and develop an audio to video converter app that allows users to seamlessly convert audio files into visually enhanced video content with customizable options.

Key Responsibilities:

- Used Python **Tkinter** Library to automate the process of video to audio conversion

Outcomes:

- Improved efficiency.
- Demonstrated expertise in Python programming and problem solving