# Harshvardhan Bharat Jadhav

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## Summary

An IT graduate with a keen interest in data science and deep learning using python and its libraries. Passionate about developing innovative solutions that leverage the power of machine learning to solve complex problems and about exploring new techniques and tools to improve the performance of machine learning models. Eager to apply my skills to develop predictive models and drive business value through data-driven insights. Seeking an opportunity to learn and grow in a dynamic, data-driven environment.

## Education

- Bachelor of Science in Information Technology, 7.35                                             2022
  Annasaheb Vartak College of Arts, Commerce, Science                                          Vasai

## Certifications

- **British Airways Virtual Experience Program on Forage**                                   May 2023
  Used Web scraping to gain company insights, predicted customer buying behavior with machine learning.
- **Data Science Master Program by Simplilearn**                               Apr 2022 to Nov 2022
- **Machine Learning by Simplilearn**                                                        Jan 2022

## Key Skills

- Data analysis
- Machine learning
- Predictive modeling
- Data visualization
- Supervised learning
- Neural networks

## Tools and Technologies

- Pandas
- Sci-kit learn
- Matplotlib, Seaborn, Plotly
- Tensorflow with keras
- Numpy

## Projects

- **Pet Classifier**: Created a pet classifier model using transfer learning and fine tuned it to classify two images with 85-95% accuracy and deployed the model on HuggingFace spaces.

- **Ecommerce Spends Analysis**: Requested personal amazon orders data and analyzed it using pandas, plotly libraries to derive insights about the spends and orders.

- **Diabetes Prediction**: Performed EDA and some feature engineering to build various models with different machine learning algorithms and a neural network with different evaluation metrics and predict whether a patient has diabetes or not with top model performing at ~80% accuracy.

## Achievements and awards

- Qualified for Coursera's first ever Data Science coding competition and scored 72%.