Mask Detection Project README

Welcome to the Mask Detection project! This project focuses on utilizing computer vision techniques to detect whether individuals in images or video streams are wearing masks or not. This README will guide you through the project, its purpose, setup, usage, and more.

Project Overview

The Mask Detection project aims to contribute to public health by automating the process of detecting whether individuals are wearing masks. In times of contagious diseases, such as COVID-19, this technology can be utilized in various settings such as public transportation, hospitals, schools, and more.

The project was developed as a part of the Udemy course [Machine Learning & Deep Learning Projects for Beginners] by [Vijay Gadhave]. It leverages the power of computer vision and machine learning to recognize faces and classify them into 4 categories: "With Mask" and "Without Mask" , "Mask Chin" ,Mask nose".

Usage

Follow these steps to use the Mask Detection project:

1. Open the folder in python IDE
2. RUN 'APP.PY'

Dataset

The dataset used to train the mask detection model consists of images of individuals with and without masks. It is important to have a diverse and balanced dataset to ensure the model's effectiveness in real-world scenarios. The dataset used in this project can be found at the udemy course site.

Credits

- This project was developed by [Eviatar Cohen].
- The project was completed as a part of the [Machine Learning & Deep Learning Projects for Beginners] course on Udemy by [Vijay Gadhave].