ML Projects List- Combined

1.**Stockport | Predictive Sentiment Analysis - Varcons Technologies Pvt Ltd**

Real-Time Twitter Sentiment Analysis for stocks based on which the future movement of the market is predicted

Goal: Understand the working of Sentiment analysis and Improve the accuracy
Current accuracy rate: 92/100

 Src: https://github.com/shirosaidev/stocksight

2. Automated Parking System using ML - Compsoft Technologies

 Use pictures to detect the car numbers and allocate a parking spot, src code will be provided

 Goal: Understand the working of Image detection and Improve the accuracy
 Current accuracy rate: 81/100
 Src: https://drive.google.com/drive/folders/1f0OzlohKke2N_XA_7qpJ5VB8vhuJi31y?usp=sharing

3. Social Media Sentiment Analysis: - Varcons Technologies pvt ltd

 Built a python application that asks for a keyword and you need to identify the
 the sentiment of that keyword in public.

 Goal: Understand the working of Sentiment analysis and Improve the accuracy
 Current accuracy rate: 91/100
src:https://colab.research.google.com/drive/1oPzpvhw_EjbrnZhFCWnb0xu_zWWkPdZ8?usp=sharing

4. Lip to Speech synthesis - Varcons Technologies Pvt Ltd

 An already on-development model will be shared with you, which you can use to improve the accuracy and demonstrate the working of the newly developed model

 Src code will be provided

 Src: https://drive.google.com/drive/folders/15AiZhnC-hrrRgjnkIhNmI9IljruCE93m?usp=sharing

 Goal: Test the working of LTS and look for ways to improve the accuracy of the same
 Current accuracy rate: 64/100

5. Blind Assist using ML – Compsoft Technologies

 An already existing src code of the model and app will be provided, your goal is to test all the features, determine the overall accuracy of the features and try to improve the accuracy overall

 Src code and the working app apk file will be provided later

 Current accuracy rate: 76/100

Src:https://drive.google.com/drive/folders/1cMLkB5coE4_ztgoo9FwGpU45nNFYjLqY?usp=sharing

6. Chatbot for Healthcare System Using AI- Compsoft Technologies

An already existing src code of the model will be provided, your goal is to test all the features, determine the overall accuracy of the features and try to improve the model

Src code:https://drive.google.com/file/d/1pLsvxXgJ_urHi4JvLO5MhCzo6UhL_DKj/view?usp=sharing
Current accuracy rate: 84/100

7. Virtual Assistant for Visually Impaired- Compsoft Technologies

You can use the already working model, test the working of the model, try to improve the overall accuracy of the model and **implement further modules**

Current accuracy rate: 95(approx)/100
For references:https://github.com/mansi1710/Assistant-for-visually-impaired

8. Machine Learning algorithms for predicting the risks of chronic diseases- Varcons technologies Pvt Ltd

You can use the already working model, learn the working of the model, test the working of the model, and try to improve the overall accuracy of the model

Current accuracy rate: 68/100
Ref: https://github.com/anujdutt9/Disease-Prediction-from-Symptoms.git

9. Sentiment Analysis Of Lockdown In India During Covid-19 A Case Study On Twitter using ML-Compsoft Technologies

Built a python application that asks for a keyword and you need to identify the sentiment of that keyword using an open source dataset.

10. Voice classification using ML- Compsoft Technologies

Built a python application that analyses the sentiment behind the tone of the voice   and predicts the Sentiment involved, you can use an open source dataset for the same
ref:https://github.com/m3hrdadfi/soxan

11. A predictive model for forecasting demand and supply information of TOP crops- Compsoft Technologies

Built a python application that analyses the top crops at any given time, depending on the season or demand. You can use the dataset available on the Internet to use

Refernce:https://www.irjmets.com/uploadedfiles/paper/issue_3_march_2022/20343/final/fin_irjmets16
48559406.pdf

12. Sentiment Analysis Of Lockdown In USA During Covid-19 A Case Study On Twitter using ML-Varcons technologies pvt ltd

 Build a python application that asks for a keyword and you need to identify the sentiment of that keyword using an open source dataset
src:.https://colab.research.google.com/drive/1oPzpvhw_EjbrnZhFCWnb0xu_zWWkPdZ8

TASKS to be Completed within 10 days and points list

Important Note : Please note that you need to Earn a Minimum of 35 Points/Complete the mandatory task in order to be eligible to receive a Certificate, Earn more than 60 points, and your project shall be eligible for stipends and other processes.

1. **Develop a front end alternate application/Contribute to the existing model on github and Document the same - 30 Points**
2. **Use the code and existing model that will be provided in this PDF and test its working and compare its accuracy and prepare a report regarding the same- 45 Points [Mandatory task]**
3. **Improve the accuracy and document the same in detail- 25 Points**

Recommendations:

1. A thorough Theoretical analysis of the topic is required & recommended

2. Use of VSCode is recommended (although the use of any other IDE is okay)

 3. Documentation is the key in research

Submission details:

1. You will Create a Project report that Includes Project details, Source code, and Screenshots of Output (word format recommended), the sample report will be shared by the HR team

2. Submission details will be sent later