

Steps to run the Covid19 Predictor

Prerequisites

You must have Scikit Learn, Pandas (for Machine Learning Model) and Flask (for API) installed.

Model Structure

This deployed model has three major parts :

1. model.py - This contains code for our Machine Learning model to predict Covid19 on training data in 'Cleaned-data.csv' file.
2. app.py - This contains Flask APIs that receives user input through GUI and computes the predicted value based on our model and returns it.
3. templates - This folder contains the HTML template to allow user to enter their details and symptoms and displays the predicted output.
4. ml.pkl – This contains the pickle file of the predictor.

Running the Deployed Model

1. Run app.py using below command to start Flask API. Ensure that you are in the local directory of the model containing app.py and ml.pkl file.

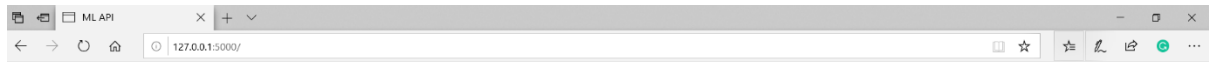
```
Microsoft Windows [Version 10.0.18362.720]
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C:\Users\vividha\Desktop\Gitclone\wiehack-2.0> python app.py
* Serving Flask app "app" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Restarting with stat
* Debugger is active!
* Debugger PIN: 279-448-431
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

By default, flask will run on port 5000.

2. Navigate to URL <http://127.0.0.1:5000/>

The homepage will look like this :



Covid19 Prediction

Fever	Tiredness	Dry-Cough	Difficulty-in-Breathing	Sore-throat	Pains	Nasal-Congestion	Runny-Nose	Diarrhea
Contact	Age_Label	Gender	Predict					



Covid19 Prediction

1	1	1	1	1	1	1	1	1
1	1	1	Predict					

Severe Symptoms