

NOVID-20

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Description:-

An amazing PWA which is a solution to foretell the likelihood of being in vicinity of COVID-19.

The NOVID-20 was an existing Pwa, I worked on two of its feature.

First was to increase the accuracy of Covid predictor. I basically changed the dataset and used the Random Forest Classifier algorithm for classification. I tried most of the algorithm for classification but this fitted the most and increased the accuracy from 0.8 to 0.98. It is a machine learning based prediction model that would help to provide the likelihood of the disease based on various factors.

Second feature I worked on was detecting Covid, Non-Covid and viral pneumonia using your chest X-Ray image. It is a deep learning based X-Rays Covid Detection which will detect COVID-19 based on your X-Ray report.

I learned how to deploy the model using Heroku.

Experience:-

I learned a lot from this project and the good part of it was that my mentor was always there whenever I need her. She provides so many crash courses to make my task easy. I didn't know much about ML and Deep Learning when I started but when I worked on this project it made me comfortable with them. When one issue is solved that created three-four more issues, that is like you are not failed 100 times but you develop yourself that 100 times. It also taught me how to work with teams and contribute to Open Source.

GitHub repo - <https://github.com/Isha307/NOvid-20>

Host link - v2dha.github.io/novid-20