

COVID DIAGNOSIS

Ques 1: What is the problem that you are trying to solve?

Ans: The problem that I am trying to solve is that, during this COVID-19 Pandemic, the workload of doctors has been increased very much. I have made this project so that my project can help reduce the workload of doctors and help to find that a person is Covid positive or Covid negative very easily according to the data.

Ques 2: Why did you choose this problem?

Ans: I have chosen this problem so that I can contribute to our doctors and help reduce their workload.

Ques 3: How does your machine learning application help solve this problem?

Ans: My machine learning application solved this problem; I trained the images of chest X-ray of covid positive and covid negative patient and then evaluated my model which gave an Average Precision of 0.946 which is actually a very good score. So, my model reduced the time of doctors to tell that whether a person is covid positive or not.

Ques 4: What data did you use while building this project?

Ans: I used the chest X-ray images of covid positive and covid negative people which were in .jpeg format.

Ques 5: How did you collect this data?

Ans: I have collected this data from Kaggle website. Please find the below link for your reference.

Link to the dataset: <https://www.kaggle.com/fusicfenta/chest-xray-for-covid19-detection>

Ques 6: How many data points did you use to train and test your model respectively?

Ans: I used the following Data Points:

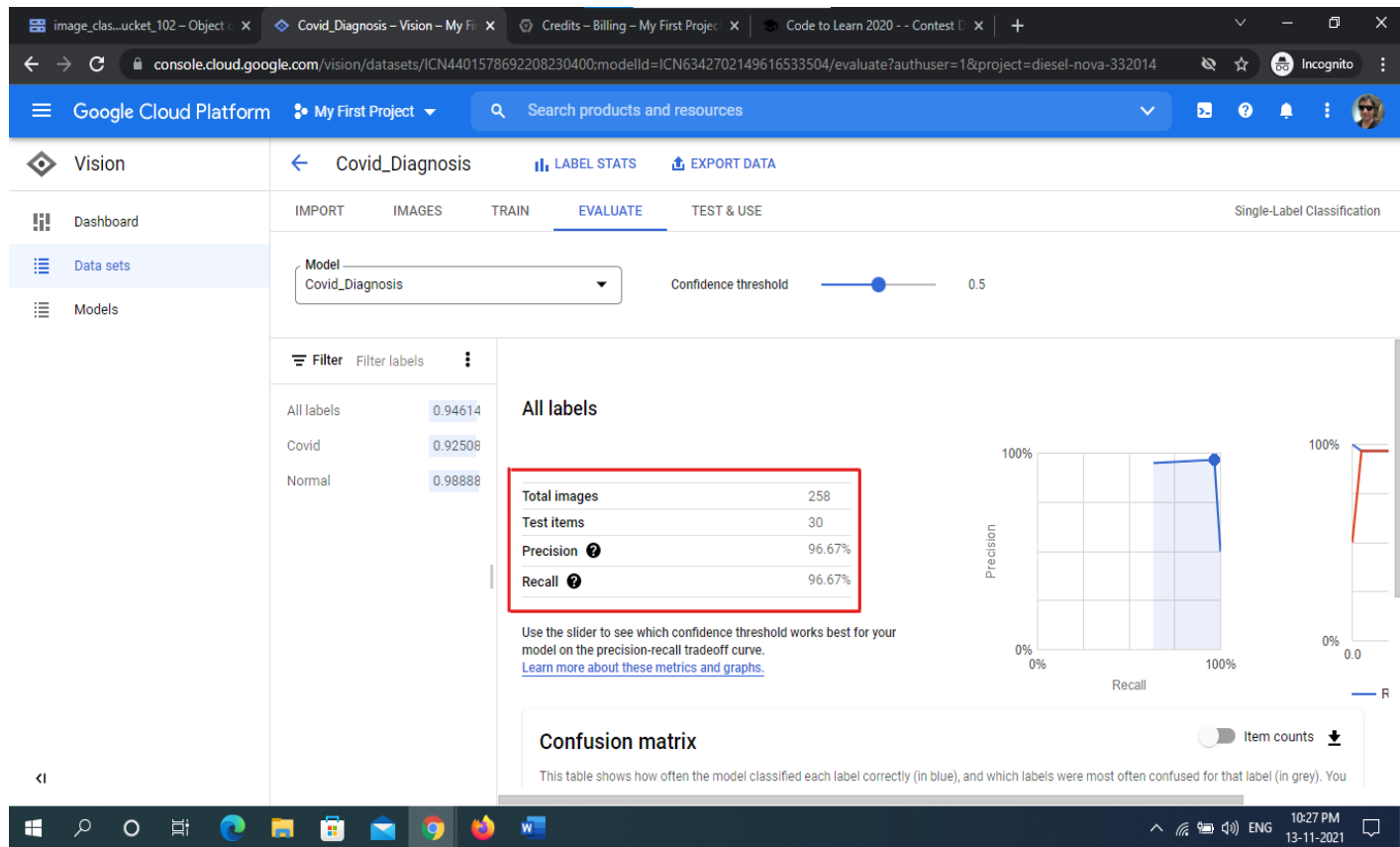
Training data points: 288

Covid data points: 144

Normal data points: 144

Test data points: 10

Attach a clear screenshot with visible precision and recall scores from the Evaluate tab.



NAME: VEDANSH RUHELA

MOBILE NO: +91-7037706914

EMAIL ID: vedansh.ruhela1@gmail.com

SCHOOL: PRESIDIUM RAJNAGAR GHAZIABAD

CLASS: 9th SECTION: B

Home Address: MGI Gharaunda C-805 tower C Raj Nagar Extension Ghaziabad PIN – 201017

LINKEDIN PROFILE: <https://www.linkedin.com/in/vruhela/>

GITHUB PROFILE: <https://github.com/vruhela>

CREDLY PROFILE: <https://www.credly.com/users/vedansh-ruhela/badges>

MADE BY VEDANSH RUHELA