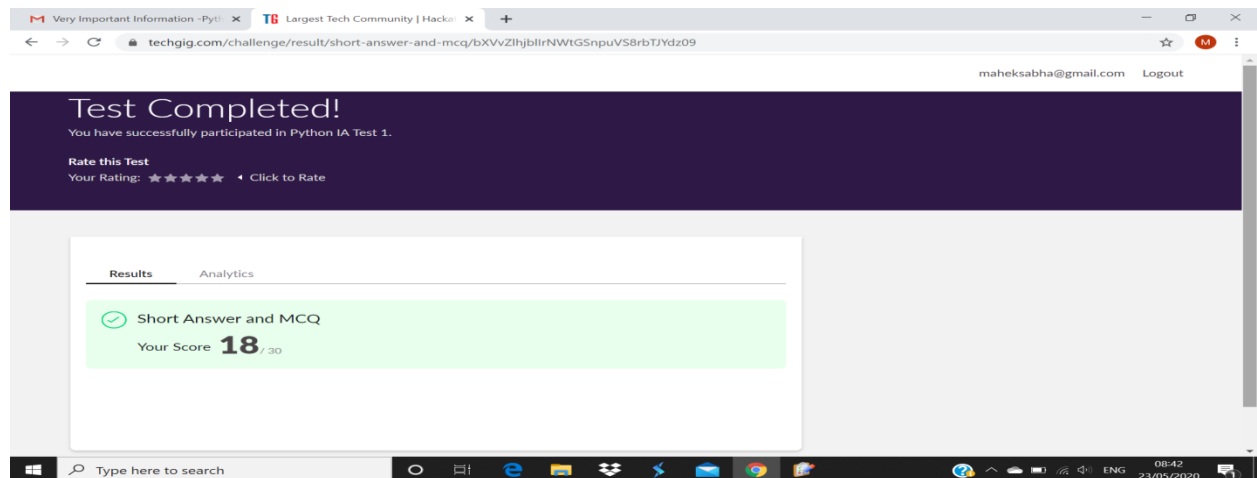


DAILY ONLINE ACTIVITIES SUMMARY

Date:	23/05/2020	Name:	MAHEK SABHA
Sem & Sec	VI ,A sec	USN:	4AL17CS051
Online Test Summary			
Subject	PAP-1		
Max. Marks	30	Score	18
Certification Course Summary			
Course	MACHINE LEARNING WITH PYTHON		
Certificate Provider	Saeed Aghabozorgi	Duration	7 hrs
Coding Challenges			
Problem Statement: 1. Write a C Program to Generate First N Triangular Numbers (Where N is read from the Keyboard)			
Status:completed			
Uploaded the report in Github		Yes	
If yes Repository name		https://github.com/maheksa1234/Daily-Status	
Uploaded the report in slack		Yes	

Online Test Details:



Certification Course Details:

Refer GitHub account for Detailed information:

<https://github.com/maheksa1234/Daily-Status>

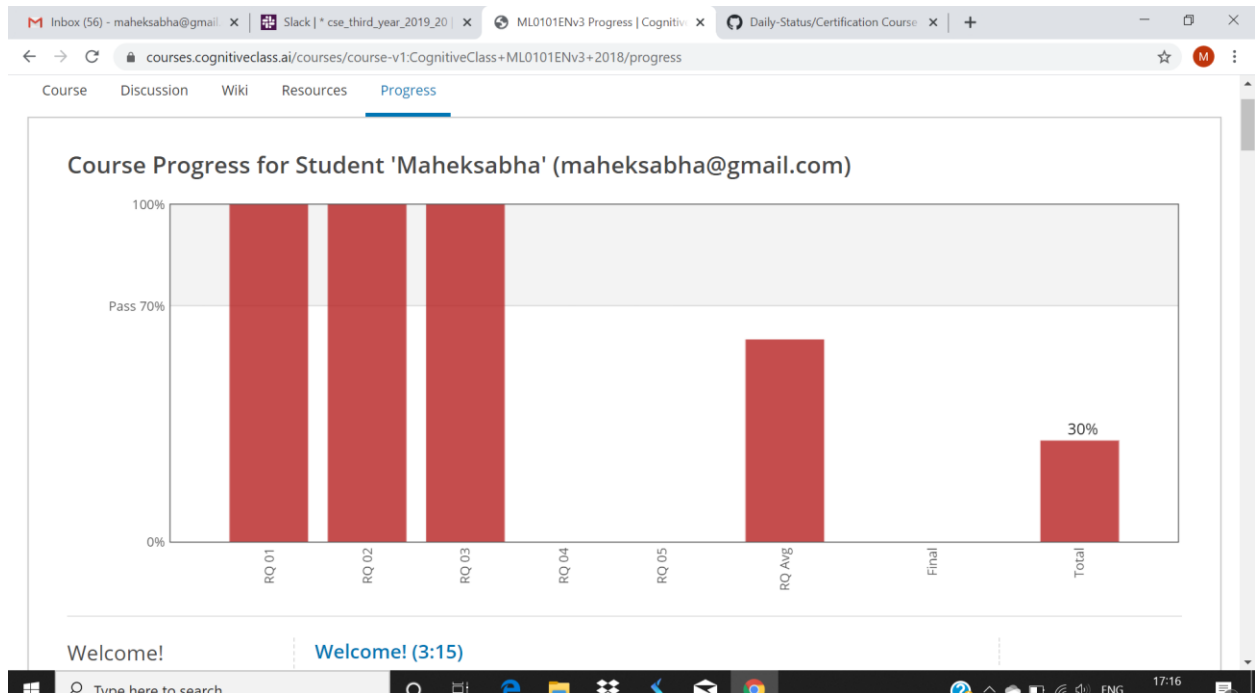
Evaluation Metrics in Classification (7:09)

F1-score

Confusion matrix

True label y	Predicted label \hat{y}	churn=1	churn=0
churn=1	6	9	
churn=0	1	24	

classifier also correctly predicted those as 1. However, while the actual label of 9 customers was 1, the classifier predicted those as 0, which is not very good. We can consider this as an error of the model for the first row. What about the customers with a churn value 0? Let's look at the second row. It looks like there were 25 customers whose churn value was 0. **The classifier correctly predicted 24 of them as 0, and one of them wrongly predicted as 1.** So, it has done a good job in predicting the customers with a churn value of 0. A good thing about the confusion matrix is that it shows the model's ability to correctly predict or separate the classes. In the specific case of a binary classifier, such as this example, we can interpret these numbers as the count of true positives, false positives, true negatives, and false negatives. Based on the count of each section, we can calculate the precision and recall of each



Coding Challenges Details:

<https://github.com/maheksa1234/Daily-Status/blob/master/Online%20Coding/23-5-2020.docx>

The same report is also available in :

<https://github.com/maheksa1234/Daily-Status/tree/master/Online%20Coding>