

DAILY ONLINE ACTIVITIES SUMMARY

Date:	21/05/2020	Name:	MAHEK SABHA
Sem & Sec	VI ,A sec	USN:	4AL17CS051
Online Test Summary			
Subject	OS-1		
Max. Marks	30	Score	28
Certification Course Summary			
Course	MACHINE LEARNING WITH PYTHON		
Certificate Provider	Saeed Aghabozorgi	Duration	9 hrs
Coding Challenges			
Problem Statement: 1. Getting a message printed through Applet. 2. AppletDemo 3. Write C Program to create Singly Liked List with n elements and reverse the elements 4. Write a Java Program to Demonstrate a Basic Calculator using Applet 5. Write a C program to construct a singly linked list by removing duplicate elements in the sorted linked list 6. Write a java program to implement round robin scheduling algorithm. Calculate AVG WT AND TAT. 7. write a simple applet java program to check whether the given number is armstrong number or not			
Status: completed			
Uploaded the report in Github		Yes	
If yes Repository name		https://github.com/maheksa1234/Daily-Status	

Uploaded the report in slack	Yes
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Online Test Details:

Test Completed!
You have successfully participated in CSE-17CS64-OS-IA1.

Rate this Test
Your Rating: ★★★★★ Click to Rate

Results Analytics

MCQ
Your Score **28** / 30

Certification Course Details:

Refer GitHub account for Detailed information:

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

Train/Test split evaluation approach

	ENGINE SIZE	CYLINDERS	FUEL CONSUMPTION (COMB)	CO2 EMISSIONS	
0	2.0	4	9.8	199	Train
1	2.4	4	9.6	221	
2	1.6	4	9.9	136	
3	3.5	6	11.1	255	
4	3.5	6	10.6	244	
5	3.5	6	10.0	230	Test
6	3.5	6	10.1	232	
7	3.7	6	11.1	255	
8	3.7	6	11.6	267	
9	2.4	4	9.2	212	

It's important that our models have high, out-of-sample accuracy, because the purpose of our model is, of course, to make correct predictions on unknown data.

So, how can we improve out-of-sample accuracy? One way is to use another evaluation approach called "Train/Test Split."

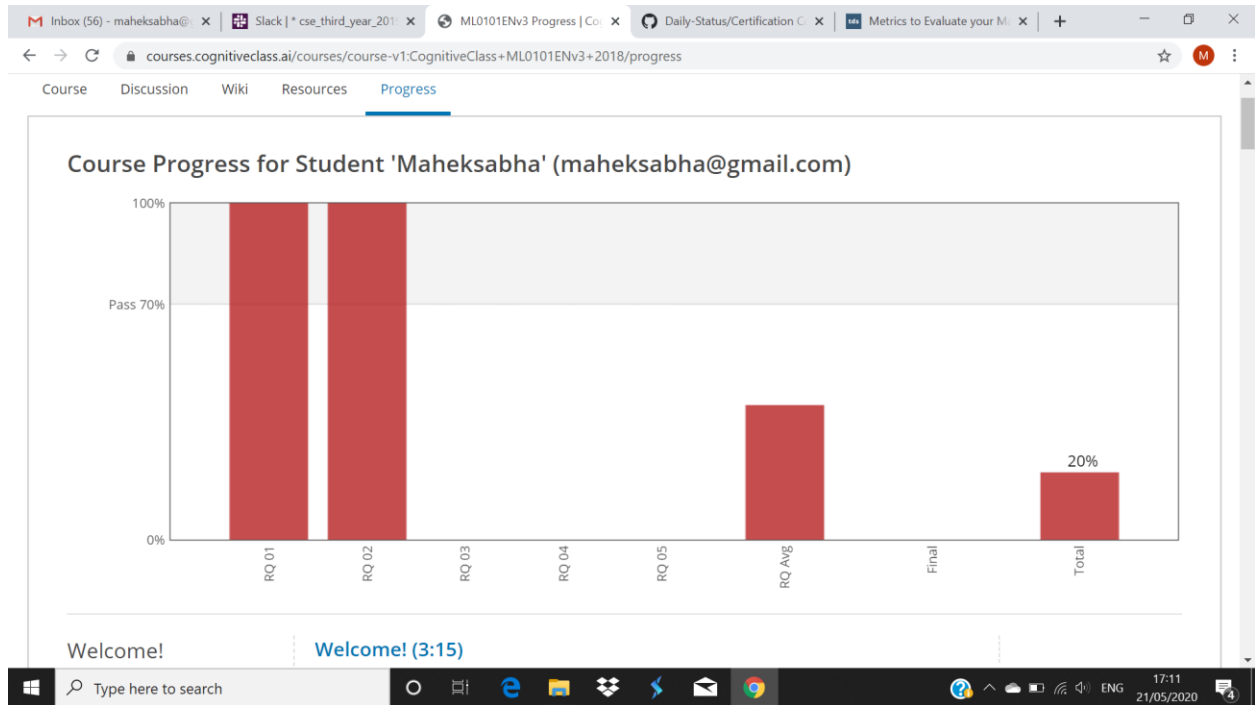
In this approach, we select a portion of our dataset for training, for example, rows 0 to 5. **And the rest is used for testing, for example, rows 6 to 9.**

The model is built on the training set. Then, the test feature set is passed to the model for prediction.

And finally, the predicted values for the test set are compared with the actual values of the testing set.

This second evaluation approach, is called "Train/Test Split."

Train/Test Split involves splitting the dataset into training and testing sets, respectively.



Coding Challenges Details:

<https://github.com/maheksa1234/Daily-Status/blob/master/Online%20Coding/21-5-2020%20day4/21-5-2020p1%2C2.txt>

<https://github.com/maheksa1234/Daily-Status/blob/master/Online%20Coding/21-5-2020%20day4/21-5-2020p3.docx>

<https://github.com/maheksa1234/Daily-Status/blob/master/Online%20Coding/21-5-2020%20day4/21-5-2020p4.docx>

<https://github.com/maheksa1234/Daily-Status/blob/master/Online%20Coding/21-5-2020%20day4/21-5-2020p5.docx>

<https://github.com/maheksa1234/Daily-Status/blob/master/Online%20Coding/21-5-2020%20day4/21-5-2020p6.docx>

<https://github.com/maheksa1234/Daily-Status/blob/master/Online%20Coding/21-5-2020%20day4/21-5-2020p7.docx>

The same report is also available in :

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