

## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	<b>16<sup>th</sup> June 2020</b>	<b>Name:</b>	<b>Sangeetha N A</b>
<b>Sem &amp; Sec</b>	<b>8<sup>th</sup> Semester 'B' Section</b>	<b>USN:</b>	<b>4AL16CS083</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>Big Data Analytics</b>		
<b>Max. Marks</b>	<b>30</b>	<b>Score</b>	<b>22</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Deep Learning</b>		
<b>Certificate Provider</b>	<b>Mathworks</b>	<b>Duration</b>	<b>3 hour</b>
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1) Python program to find the SHA-1 message digest of a file			
<b>Status:</b> completed			
<b>Uploaded the report in Github</b>		<b>yes</b>	
<b>If yes Repository name</b>		<b>sangeethana</b>	
<b>Uploaded the report in slack</b>		<b>yes</b>	

**Online Test Details: (Attach the snapshot and briefly write the report for the same)**



**Certification Course Details: (Attach the snapshot and briefly write the report for the same)**



#### Progress Report

Name: Sangeetha N A  
Course: Machine Learning Onramp  
Progress: 100% complete (as of 27 May 2020)

#### Chapters

1. Introduction 100%
2. Using Pretrained Networks 100%
3. Managing Collections of Image Data 100%
4. Performing Transfer Learning 100%
5. Conclusion 100%

Release: R2019b | Language: English

**Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)**

```
import hashlib
```

```
def hash_file(filename):  
    """This function returns the SHA-1 hash  
    of the file passed into it"""  
  
    # make a hash object  
    h = hashlib.sha1()  
  
    # open file for reading in binary mode  
    with open(filename, 'rb') as file:  
  
        # loop till the end of the file  
        chunk = 0  
        while chunk != b'':  
            # read only 1024 bytes at a time  
            chunk = file.read(1024)  
            h.update(chunk)  
  
    # return the hex representation of digest  
    return h.hexdigest()  
  
message = hash_file("track1.mp3")  
print(message)
```