

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	19/6/2020	<b>Name:</b>	Vleena Mascarenhas
<b>Sem &amp; Sec</b>	8 <sup>th</sup> & B	<b>USN:</b>	4AL16CS121
<b>Online Test Summary</b>			
<b>Subject</b>	Big Data Analytics		
<b>Max. Marks</b>	30	<b>Score</b>	26
<b>Certification Course Summary</b>			
<b>Course</b>	Machine Learning Data Readiness.		
<b>Certificate Provider</b>	AWS	<b>Duration</b>	60 minutes
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Given a square matrix, turn it by 90 degrees in anti-clockwise direction without using any extra space.			
<b>Status:</b> Solved			
<b>Uploaded the report in Github</b>		yes	
<b>If yes Repository name</b>		vleena	
<b>Uploaded the report in slack</b>		yes	

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

vleenamascarenhas1998@gmail.com    Logout

## Test Completed!

You have successfully participated in CSE\_BDA\_9.

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

Results    Analytics

✓ Module 2

Your Score

# 26

/ 30

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

 training and certification

**Certificate of Completion**  
**Vleena Mascarenhas**

Has successfully completed  
**Machine Learning Data Readiness**

  
Director, Training and Certification

60 minutes  
Duration

19 June, 2020  
Completion Date

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

### Problem Statement:

Given a square matrix, turn it by 90 degrees in anti-clockwise direction without using any extra space.

N=4

```
def rotateMatrix(mat):  
    for x in range(0,int(N/2)):  
        for y in range(x,N-x-1):  
            temp=mat[x][y]  
            mat[x][y]=mat[y][N-1-x]  
            mat[y][N-1-x]=mat[N-1-x][N-1-y]  
            mat[N-1-x][N-1-y]=mat[N-1-y][x]  
            mat[N-1-y][x]=temp
```

```
def displayMatrix(mat):  
    for i in range(0,N):  
        for j in range(0,N):  
            print (mat[i][j],end=' '  
        print("")
```

```
mat=[[0 for x in range(N)] for y in range(N)]
```

```
mat=[[1,2,3,4],[5,6,7,8],[9,10,11,12],[13,14,15,16]]
```

```
rotateMatrix(mat)
```

```
displayMatrix(mat)      OUTPUT: 4 8 12 16
```

```
                        3 7 11 15
```

```
                        2 6 10 14
```

```
                        1 5 9 13
```