

# Assignment Day 10 | 11th September 2020

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For any doubts regarding the assignment, ask questions in the AI/ML Batch Group in the Community.

Submit Assignments by **14th September 2020 at 12:00 PM.**

Assignment Submit Form: <https://forms.gle/QJCB5q2yCv1NtpNn8>

**Submit assignments in Appropriate Dropdowns.**

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## Question 1:

Create an element-wise comparison (greater, greater\_equal, less and less\_equal) of two given arrays

## Question 2:

Write a NumPy program to create an array of 10 zeros, 10 ones, 10 fives

## Question 3:

Write a NumPy program to compute sum of all elements, sum of each column and sum of each row of a given array

## Question 4:

Write a NumPy program to add, subtract, multiply, divide arguments element-wise.

## Question 5:

Write a NumPy program to compute the trigonometric sine, cosine and tangent array of angles given in degree.

## Question 6:

Write a Pandas program to create and display a DataFrame from a specified dictionary data which has the index labels

**Question 7:**

Write a Pandas program to select the 'name' and 'score' columns from the following DataFrame.

**Question 8:**

Write a Pandas program to join the two given dataframes along rows and assign all data.

**Question 9:**

Write a Pandas program to detect missing values of a given DataFrame. Display True or False.

**Question 10:**

Write a Pandas program to create and display a one-dimensional array-like object containing an array of data.

## FAQs

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### **Q. How to upload a jupyter notebook as a part of an assignment?**

- A. 1. Click the "File" option in a notebook
- 2. Go to "Download As" -> "Notebook(.ipynb)"
- 3. Upload the downloaded .ipynb file to Github and share the link in the google form.

### **Q. When do I submit the Assignments and how?**

- A. The assignments for the week should be submitted by weekend i.e. Sunday 11:59 PM IST. You can use Jupyter Notebook or python files or even Google Colab to Solve your Assignments

### **Q. Where do I get class links for the next session?**

- A. All sessions will be Live on the Learning Management System. It will be also updated in the Community Group in the pinned post.
- B.

### **Q. I have some doubt, who do I ask?**

- A. (a) Post your Queries on the community, someone will help you out.

### **Q. *Sir don't have anaconda so how can I solve the assignment?***

- A. Use Google Colab: [Click me](#)

### **Q. Can we submit multiple .py or .ipynb assignment solution files for each question separately?**

- A. Solve all assignments for a day in a single notebook. Make sure you are submitting a single file.

### **Q. How can we know if my assignment is verified or not? And is it successfully submitted or not?**

- A. You will receive a mail for your successful submission.



AI ML Program | August 2020