Assignment Day 3 | 11th November 2020

For any doubts regarding the assignment, ask questions in the Data Science 101 B1 Group in the Community.
Submit Assignments by 16th November 2020 11:59 PM.

Assignment Submit Form : https://letsupgrade.in/ds101submission
Submit assignments in Appropriate Dropdowns.

Questions 1:

Create a numpy array starting from 2 till 50 with a stepsize of 3.

Questions 2:

Accept two lists of 5 elements each from the user.
Convert them to numpy arrays. Concatenate these arrays and print it. Also sort these arrays and print it.

Questions 3:

Write a code snippet to find the dimensions of a ndarray and its size.

Questions 4:

How to convert a 1D array into a 2D array? Demonstrate with the help of a code snippet
Hint: np.newaxis, np.expand_dims

Questions 5:

Consider two square numpy arrays. Stack them vertically and horizontally.
Hint: Use vstack(), hstack()

Questions 6:

How to get unique items and counts of unique items?

FAQs

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

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

Q. When do I submit the Assignments and how?

A. The assignments for the week should be submitted by 16th November, Monday 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 next session?

A. All sessions will be Live on our Youtube Channel. It will be also updated in the Community Group in the pinned post.

Q. I have some doubt, whom do I ask?

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.