DATA EXPLORATION USING SEABORN

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Import the iris dataset:
  from sklearn.datasets import load_iris
  iris = load_iris()
  data = pd.DataFrame(iris.data,columns=iris.feature_names)
  label = pd.DataFrame(list(map(lambda x : iris.target_names[x],iris.target)),column
s=['Species'])
  iris = pd.concat([data,label],axis=1)
  print(iris.head())
  Expected output after this stage is shown below. You do NOT have to execute the fo
```

llowing 2 lines. They are given as reference for expected output only.

Out[3]:

S	epal length (cm)	sepal width (cm)	petal length (cm)	petal width (cm)	Species
0	5.1	3.5	1.4	0.2	setosa
1	4.9	3.0	1.4	0.2	setosa
2	4.7	3.2	1.3	0.2	setosa
3	4.6	3.1	1.5	0.2	setosa
4	5.0	3.6	1.4	0.2	setosa

Execute the following steps:

- 1) Use the distplot() to see the distribution of the SepalLengthCm, SepalWidthCm, P etalLengthCm, PetalWidthCm features. Plot them as subplots in a single image.
- 2) Do a boxplot of all features except 'Species'.
- 3) Do a countplot for the feature 'Species'.
- 4) Do a pairplot on the features 'SepalLengthCm', 'SepalWidthCm', 'PetalLengthCm', 'PetalWidthCm', 'Species'.
- 5) Do an lmplot on the following SepalLengthCm, PetalLengthCm. Using hue, display the different species in different colors.
- 6) Do a barplot of 'Species' vs 'SepalLengthCm'.
- 7) Using heatmap, plot the correlation matrix.