Iris EDA App

EDA Web App with Streamlit

☐ Preview DataFrame

Head

Tail

	sepal_length	sepal_width	petal_length	petal_width	species
0	5.1	3.5	1.4	0.2	setosa
1	4.9	3	1.4	0.2	setosa

☐ Show ALL DataFrame

	sepal_length	sepal_width	petal_length	petal_width	species
0	5.1	3.5	1.4	0.2	setosa
1	4.9	3	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	3.6	1.4	0.2	setosa
5	5.4	3.9	1.7	0.4	setosa
6	4.6	3.4	1.4	0.3	setosa
7	5	3.4	1.5	0.2	setosa
8	4.4	2.9	1.4	0.2	setosa
9	4.9	3.1	1.5	0.1	setosa

☐ Show ALL Column Name

Columns:

	0
0	sepal_length
1	sepal_width
2	petal_length
3	petal_width
4	species

What Dimension Do You Want to Show

Rows
Columns

Showing Length of Rows
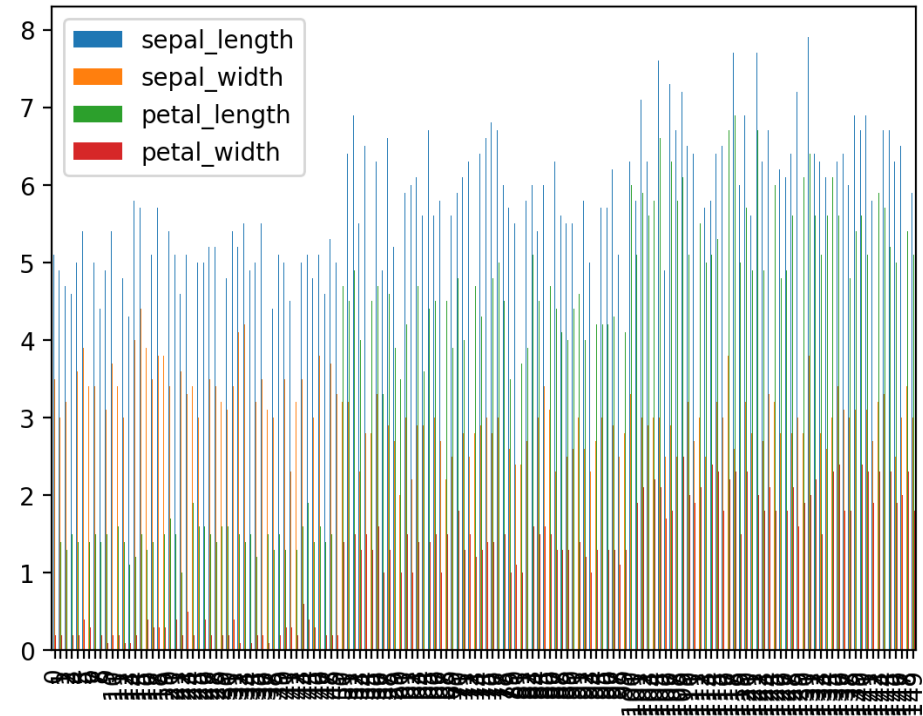
150

☐ Show Summary of Dataset

	sepal_length	sepal_width	petal_length	petal_width
count	150	150	150	150
mean	5.8433	3.054	3.7587	1.1987
std	0.8281	0.4336	1.7644	0.7632
min	4.3	2	1	0.1
25%	5.1	2.8	1.6	0.3
50%	5.8	3	4.35	1.3
75%	6.4	3.3	5.1	1.8
max	7.9	4.4	6.9	2.5

Select columns

speal_width   ⌄

Select A Column

☐ Simple Bar Plot with Matplotlib

☐ Simple Correlation Plot with Matplotlib

☐ Simple Correlation Plot with Seaborn

☐ Bar Plot of Groups or Counts

What is the Iris Species do you want to see?

Setosa

Versicolor

Virginica

Showing Setosa Species

☐ Show Image/Hide Image

Set Your Contrast Number

1.44

1.00   3.00

Set Image Width

374

300   500

About App

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