Date	PERMNO	RETURN	monthlyD	W
8/1/1922	10005	015142	1030-03	0.022184
1936	1) 14	△ 0 × 14	ඉ ජ(පුර්	\. ≥ 7255
8/1/1930	10030	0.023216	1930-08	0.023727
8/1/1930	10	U 87 JZ	930-08	0.009838
8/1/1930	10 7	0 76 7	1930-08	0.027199
8/1/1930	10081	-4.00E-05	1930-08	0.021026
8/1/1930	10102	2134	1930-08	0.017168
8/1/1930	10110	∠ -05	1930-08	0.012924
8/1/1930	10137	-0.02692	1930-08	0.022955
8/1/1930	10145	-4.00E-05	1930-08	0.005208
8/1/1930	10153	0.013353	1930-08	0.004051
8/1/193	10161	/010	193 ,08	J.002508
8/1/19	10196	J.C-	0-08	0.026042
8/1, 1, 30	10209	44.00E-0	,,p3U-00	0.026813
8/1/1930	10217	-0.01216	1930-08	0.003279
8/1/1930	10225	0.032747	1930-08	0.01794
8/1/1930	10233	-4.00E-05	1930-08	0.01331

MAKING EDA SIMPLE!

STEP 1

Install the library Dtale.

If using Jupyter Notebook, you can run the following command:

```
In [1]: %pip install dtale
        Collecting dtale
          Obtaining dependency information for dtale from
        c74a3b3f92c5786a7bb76a418adf86074c012c3fb/dtale-3.
          Downloading dtale-3.10.0-py2.py3-none-any.whl.me
        Collecting dash-colorscales (from dtale)
          Downloading dash colorscales-0.0.4.tar.gz (62 kB
          Preparing metadata (setup.py) ... done
        Collecting dash-dag (from dtale)
          Downloading dash_daq-0.5.0.tar.gz (642 kB)
                                                     642.7/
          Preparing metadata (setup.py) ... done
        Collecting Flask-Compress (from dtale)
          Obtaining dependency information for Flask-Compre
        d4c896fa14371990b9978722c48a30d0edcf6b5f7054775a07
          Downloading Flask_Compress-1.14-py3-none-any.whl
        Requirement already satisfied: future>=0.14.0 in /
        0.18.3)
        Requirement already satisfied: kaleido in /Users/Va
```

Restart the kernel once completed





STEP 2

Import the library Seaborn.

Use function "load_dataset" to import a dataset from the library

df	ort seaborn = sns.load_ play(df)		iris")		
	sepal_length	sepal_width	petal_length	petal_width	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
145	6.7	3.0	5.2	2.3	virginica
146	6.3	2.5	5.0	1.9	virginica
147	6.5	3.0	5.2	2.0	virginica
148	6.2	3.4	5.4	2.3	virginica
149	5.9	3.0	5.1	1.8	virginica
150	rows × 5 colur	nns			

NOTE - You also can use your own data, if available





STEP 3

Import the library Dtale.

Use the function ".show()" and insert your dataset as argument.

▶ 5					
150	sepal_length :	sepal_width :	petal_length :	petal_width :	species
0	5.10	3.50	1.40	0.20	setosa
1	4.90	3.00	1.40	0.20	setosa
2	4.70	3.20	1.30	0.20	setosa
3	4.60	3.10	1.50	0.20	setosa
4	5.00	3.60	1.40	0.20	setosa
5	5.40	3.90	1.70	0.40	setosa
6	4.60	3.40	1.40	0.30	setosa
7	5.00	3.40	1.50	0.20	setosa
8	4.40	2.90	1.40	0.20	setosa
9	4.90	3.10	1.50	0.10	setosa
10	5.40	3.70	1.50	0.20	setosa
11	4.80	3.40	1.60	0.20	setosa
12	4.80	3.00	1.40	0.10	setosa
13	4.30	3.00	1.10	0.10	setosa
14	5.80	4.00	1.20	0.20	setosa
15	5.70	4.40	1.50	0.40	setosa
16	5.40	3.90	1.30	0.40	setosa

To get drop down - click the arrow at upper left corner in the output





THAT'S IT!

NOW YOU CAN ACCESS THE WHOLE SUITE OF EDA FUNCTIONS TO PERFORM ON YOUR DATA -

In [6]:	<pre>import dtale dtale.show(df)</pre>					
	<u>+</u>	5 sepal_length :	sepal_width :	petal_length :		
		D-TALE	3.50	1.40		
		Open In New Tab	3.00	1.40		
	丰	Convert To XArray	3.20	1.30		
	III	Describe	3.10	1.50		
		Custom Filter	3.60	1.40		
	-		3.90	1.70		
		Show/Hide Columns	3.40	1.40		
	3	Dataframe Functions	3.40	1.50		
	ā	Clean Column	2.90	1.40		
	103	Merge & Stack	3.10	1.50		
	*	Summarize Data	3.70	1.50		
	0	Time Series Analysis	3.40	1.60		
		Duplicates	3.00	1.40		
			3.00	1.10		
		Missing Analysis	4.00	1.20		
	••	Feature Analysis	4.40	1.50		
	••	Correlations	3.90	1.30		
		17	2 EU	1 40		





SOME OF THE CRAZY STUFF YOU CAN DO

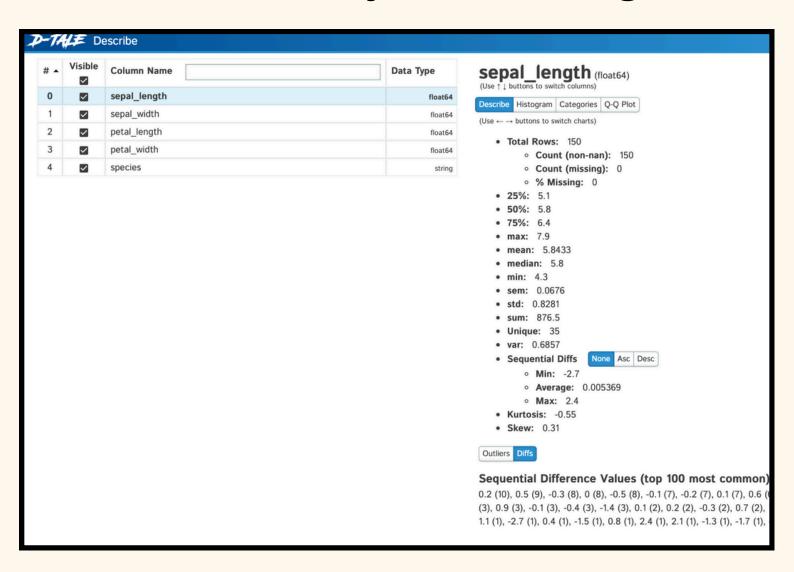






DESCRIPTIVESTATISTICS

Get the statistical summary for the columns of your choosing!







CORRELATION ANALYSIS

Understand the relationship between variables in your data







DUPLICATE SUMMARY

Identify the presence & count of duplicate values in select fields

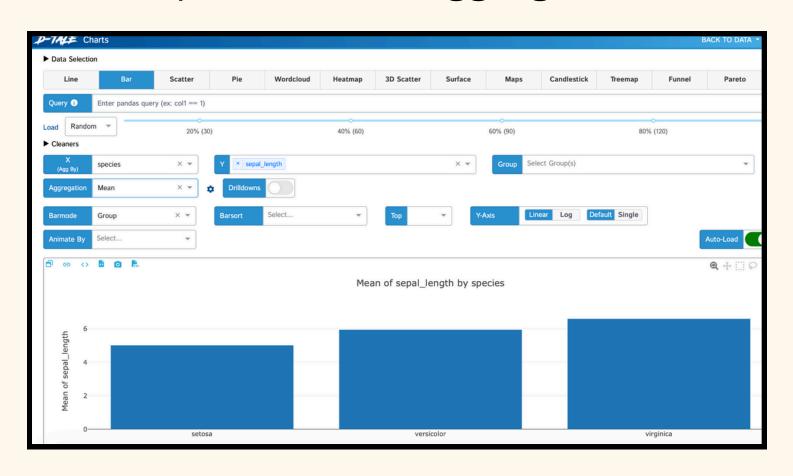
_ Duplicates							
Operation	Remove Duplicate Columns	Remove Duplicate Column Names	Remove Duplicate Rows	Show Duplicates			
	Show all duplicates data or	r duplicate data for a spec	ific value.				
Column(s)	petal_width X						
	View Duplicates						
	Duplicates exist for the following (petal_width) groups: Total Duplicates: 148 1: 7						
	 1.4: 8 1.5: 12 1.6: 4 1.7: 2 1.8: 12 1.9: 5 						





VISUALISE YOUR DATA USING CHARTS

Build summaries & visuals based on required fields, aggregation, etc

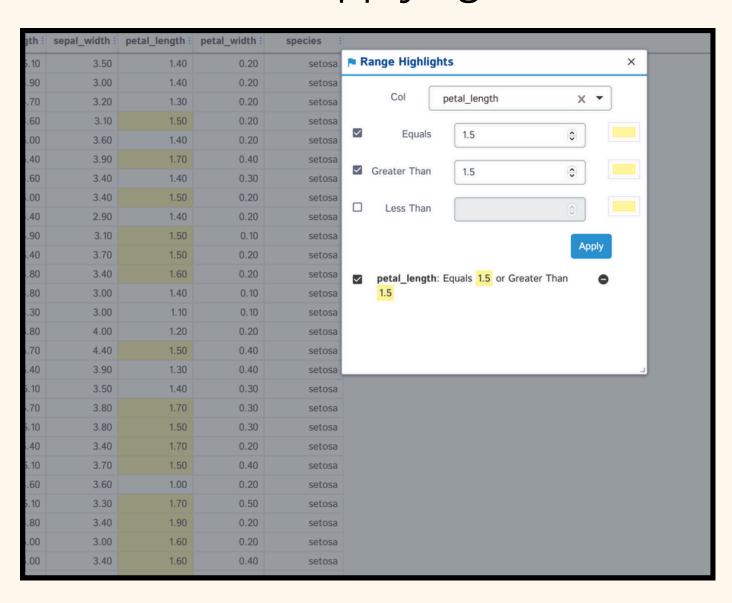






IDENTIFY RELEVANT ROW USING RANGE HIGHLIGHT

Highlight the rows you're looking for based on applying criteria(s)







WE BARELY SCRATCHED THE SURFACE!

THERE'S A LOT MORE TO EXPLORE.

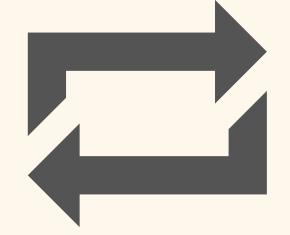






SHARE THIS

If you think
your network
would
find this
valuable



FOLLOW ME

GROW &
SUSTAIN as a
Data Analyst

