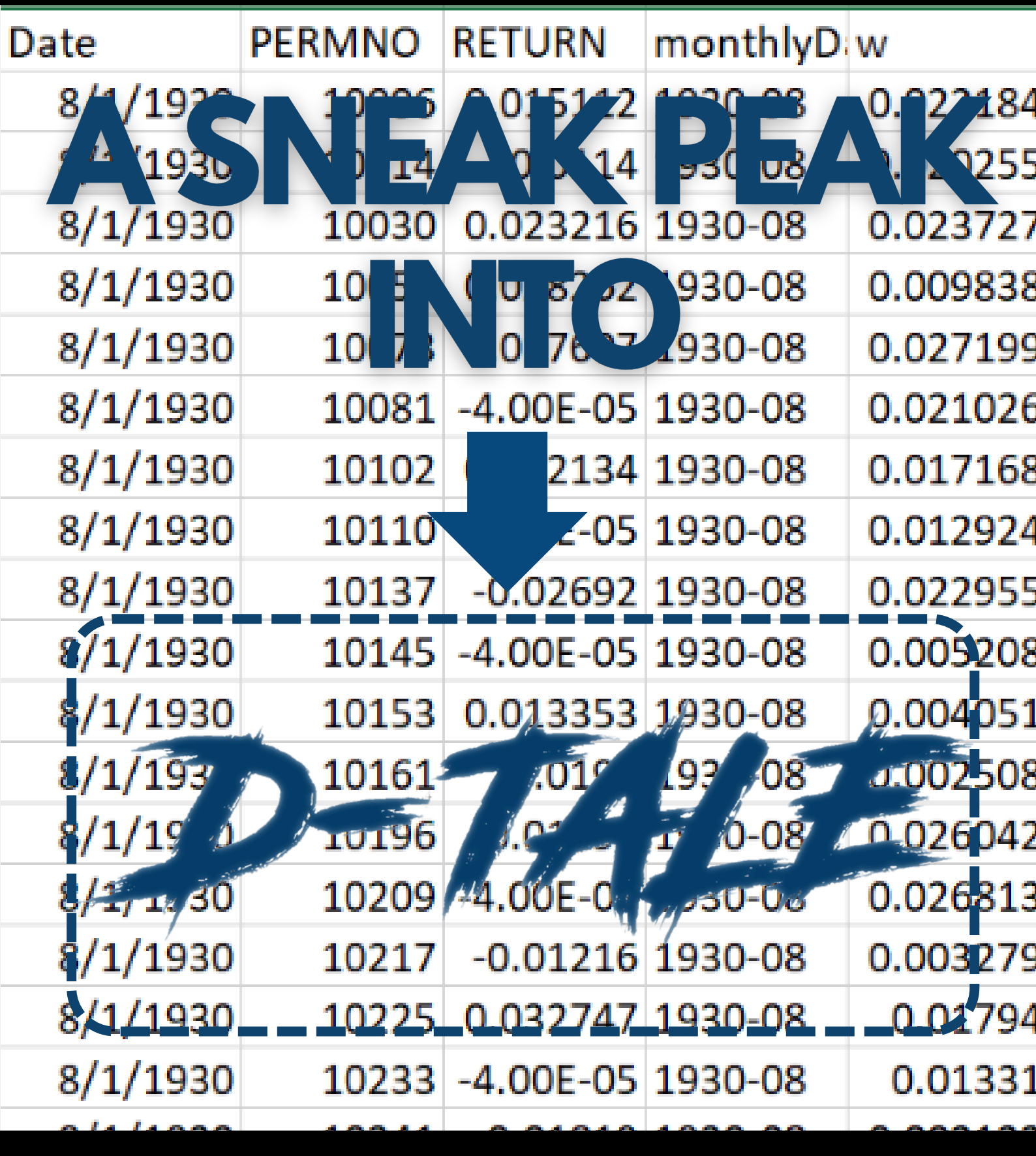
Varun Sagar
Theegala

A SNEAK PEAK INTO



Date	PERMNO	RETURN	monthlyD	w
8/1/193	1006	0.015112	1930-08	0.022184
8/1/193	10 14	0 14	930-08	0.0255
8/1/1930	10030	0.023216	1930-08	0.023727
8/1/1930	10	0	1930-08	0.009838
8/1/1930	10	0	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	.01	193 08	0.002508
8/1/19	10196		0-08	0.026042
8/1/30	10209	-4.00E-0	30-08	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

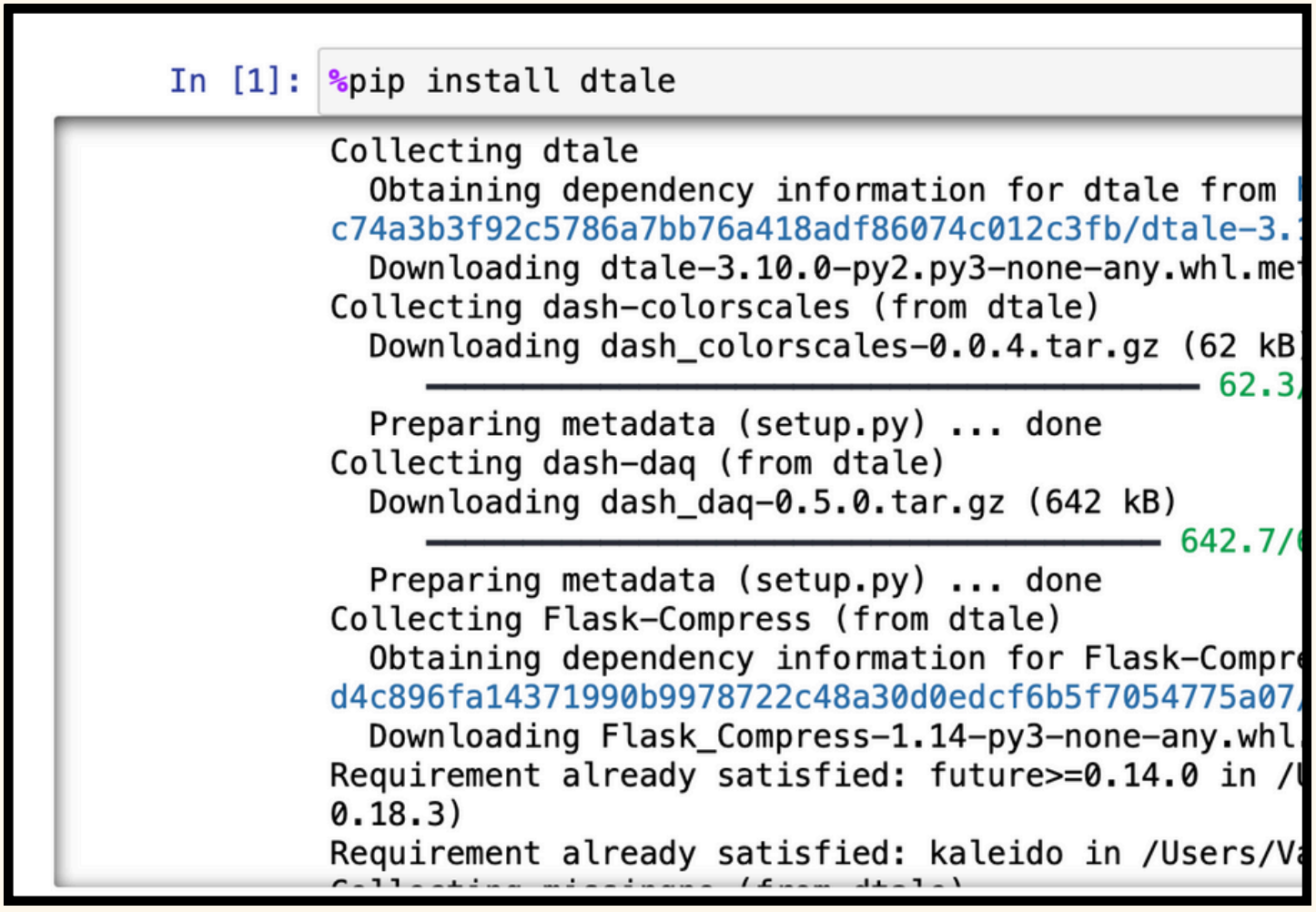
D-TALE

MAKING EDA SIMPLE!

STEP 1

Install the library Dtale.

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



Restart the kernel once completed

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NEXT ➡

STEP 2

Import the library Seaborn.

Use function “load_dataset” to import a dataset from the library

```
In [4]: import seaborn as sns
        df = sns.load_dataset("iris")
        display(df)
```

	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 columns

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.

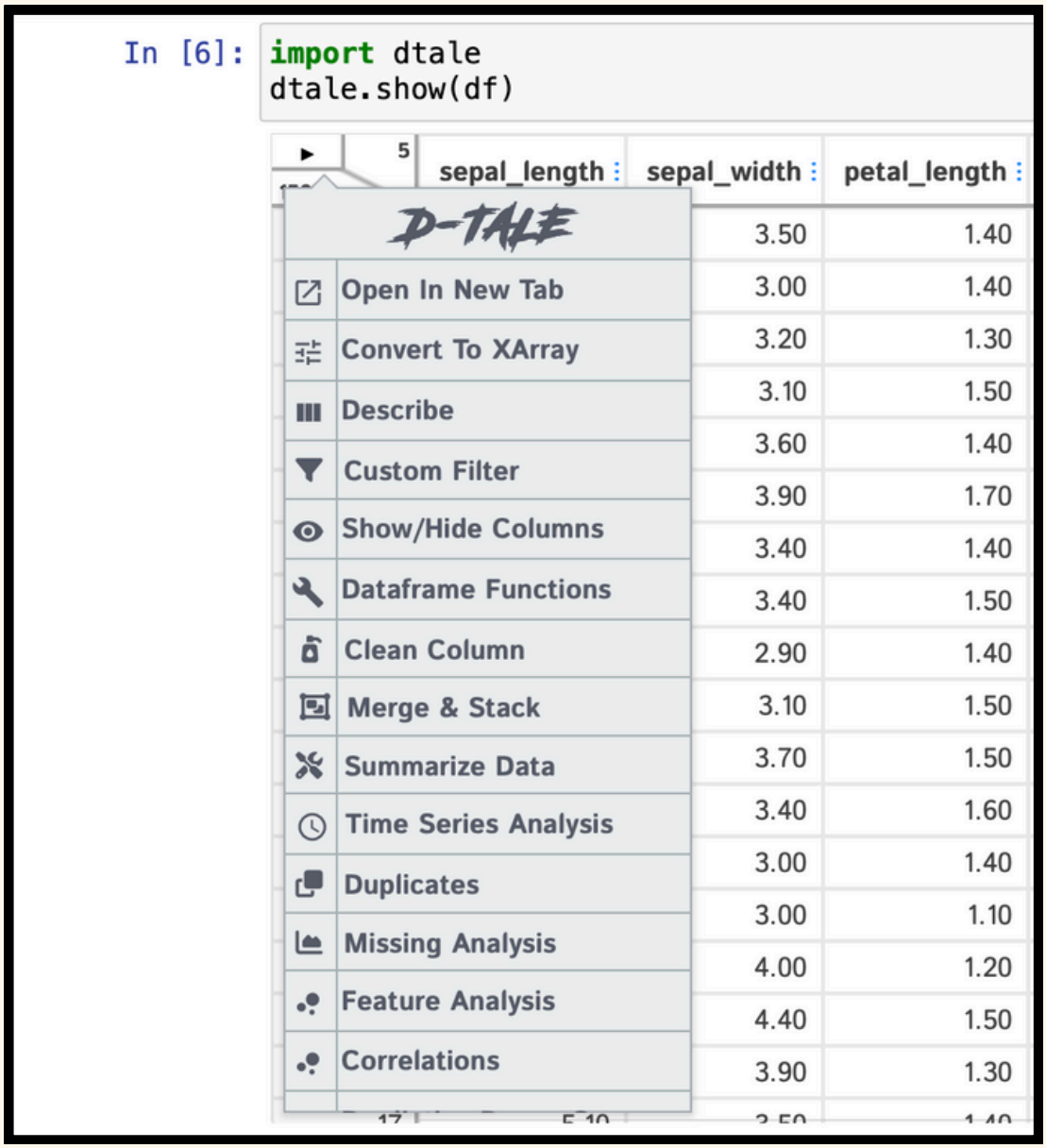
```
In [6]: import dtale
        dtale.show(df)
```

▶ 150	5 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

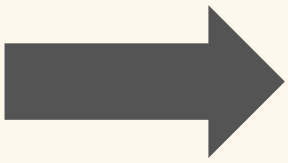
To get drop down - click the arrow at upper left corner in the output

THAT'S IT!

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

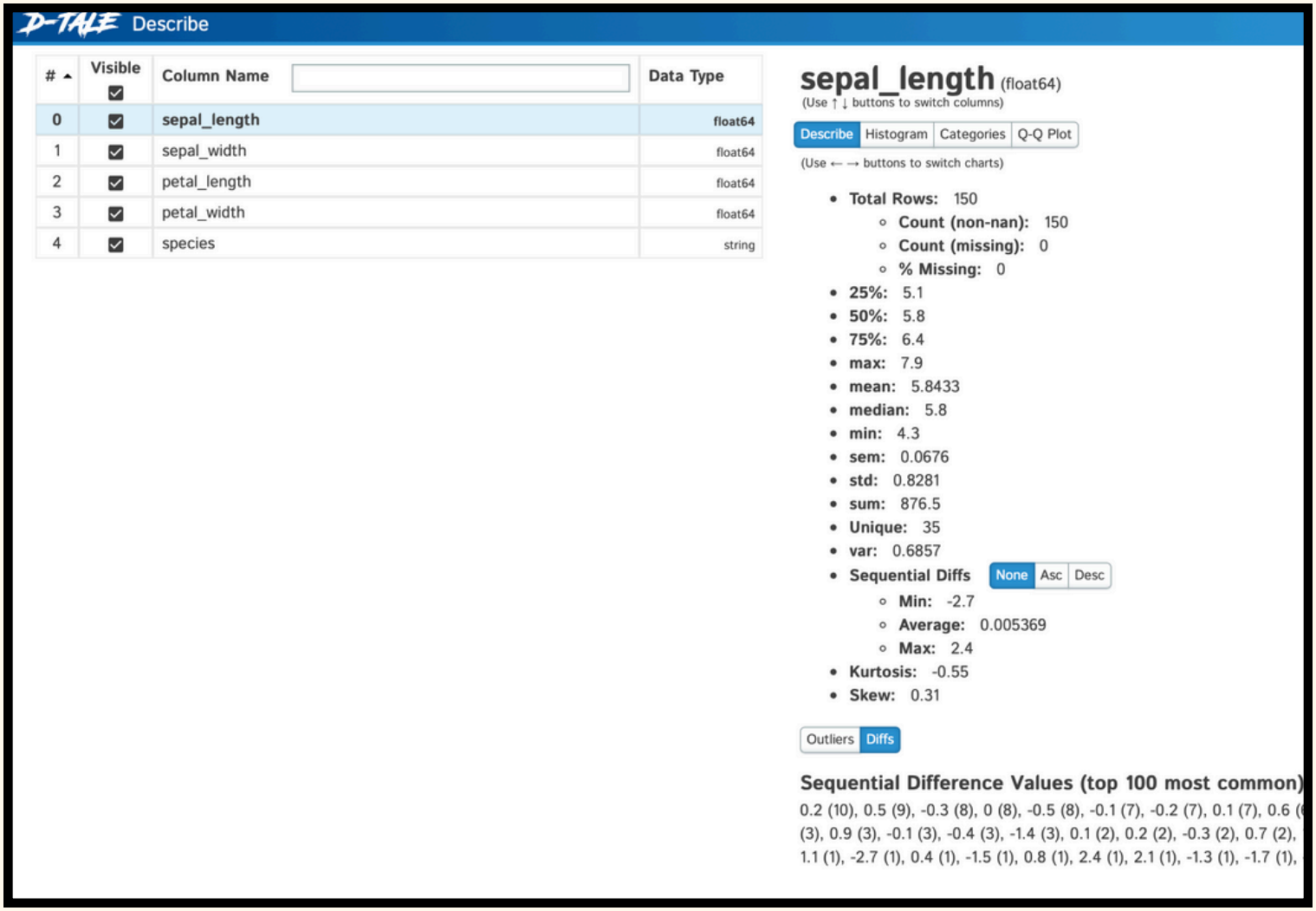


SOME OF THE CRAZY STUFF YOU CAN DO



DESCRIPTIVE STATISTICS

Get the statistical summary for the columns of your choosing!



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NEXT ➡

CORRELATION ANALYSIS

Understand the relationship between variables in your data

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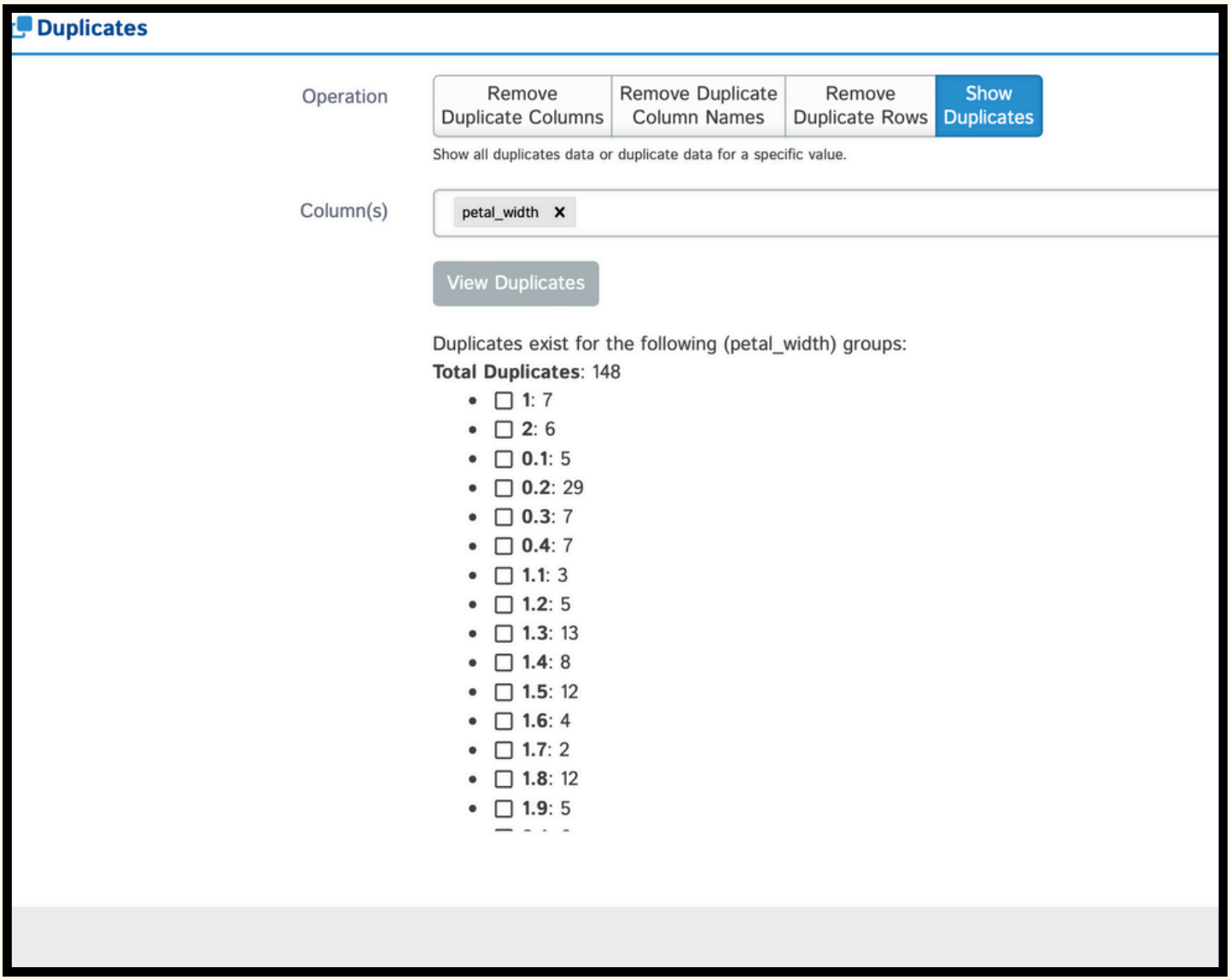
NEXT ➡

DUPLICATE
SUMMARY

Identify the presence & count of duplicate values in select fields



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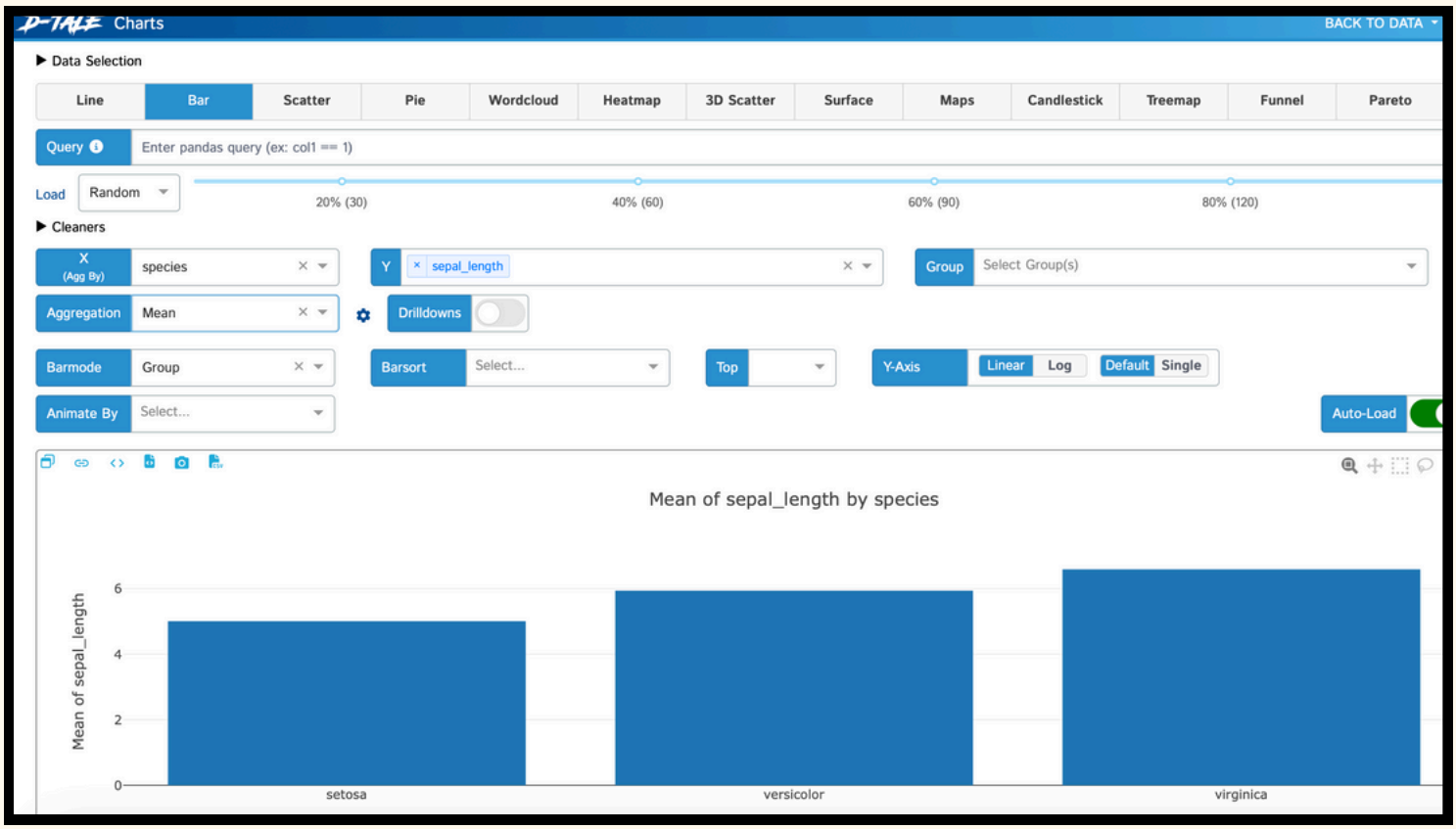
NEXT ➡

VISUALISE YOUR DATA
USING CHARTS

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



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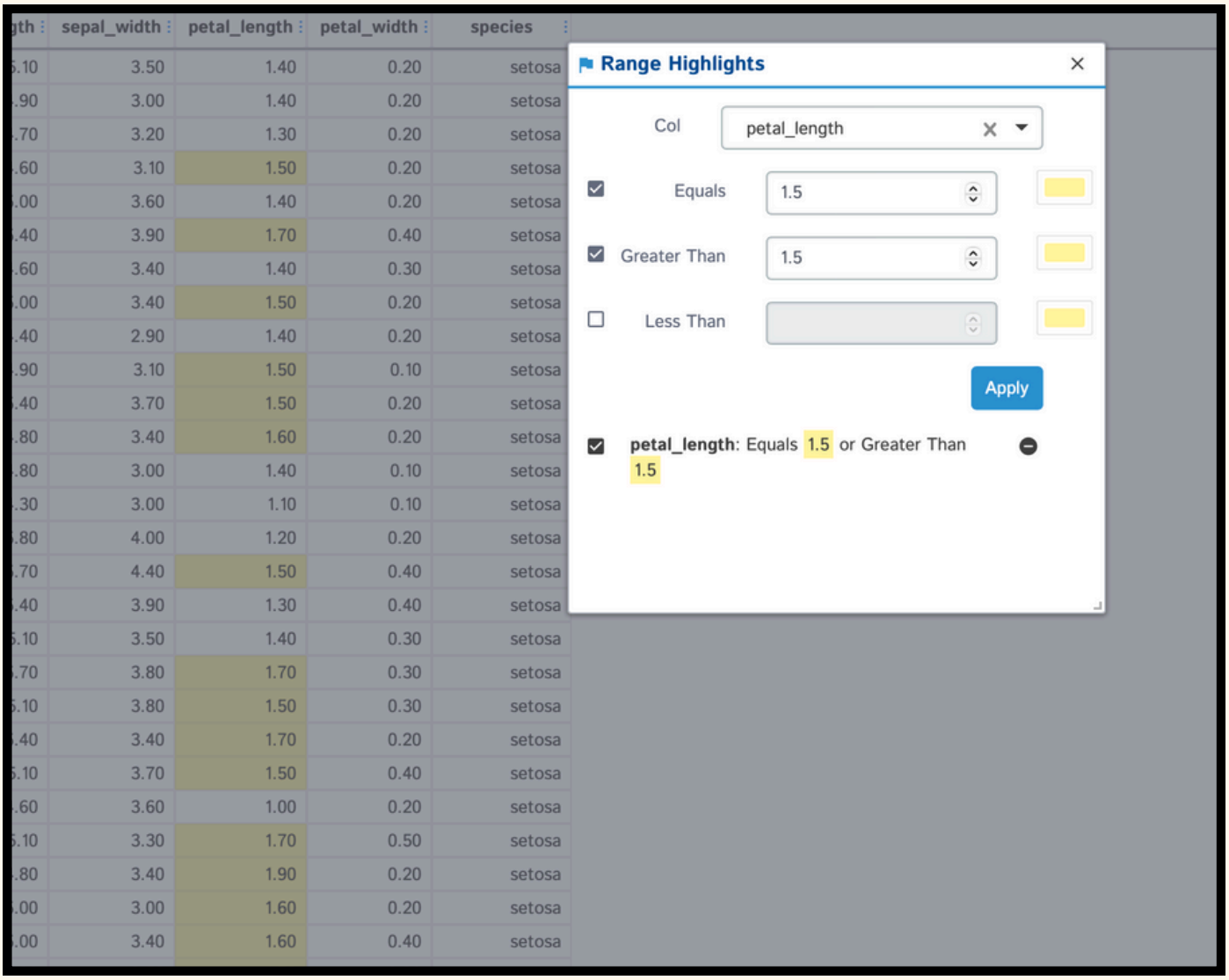
NEXT

IDENTIFY RELEVANT ROW USING RANGE HIGHLIGHT

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



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NEXT ➡

WE BARELY SCRATCHED THE SURFACE!

THERE'S A LOT MORE TO EXPLORE.

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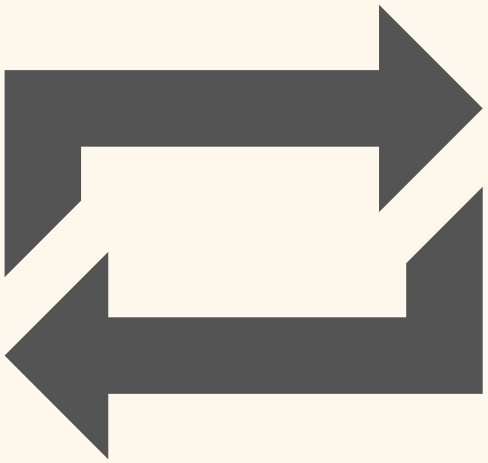
Theegala

SHARE THIS

If you think
your network
would
find this
valuable



FOLLOW ME

I help you
GROW &
SUSTAIN as a
Data Analyst