Iris Dataset Profiling Report

Overview

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| Overview | Alerts 6 | Reproduction |

Dataset statistics

Number of variables	5
Number of observations	150
Missing cells	0
Missing cells (%)	0.0%
Duplicate rows	1
Duplicate rows (%)	0.7%
Total size in memory	13.2 KiB
Average record size in memory	90.2 B

Variable types

Numeric	4
Categorical	1

Variables

Select Columns

sepal length (cm)

Real number (ℝ)

High correlation
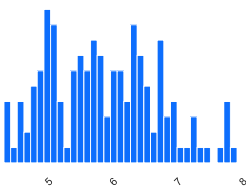
Distinct	35	**Minimum**	4.3	
Distinct (%)	23.3%	**Maximum**	7.9	
Missing	0	**Zeros**	0	
Missing (%)	0.0%	**Zeros (%)**	0.0%	
Infinite	0	**Negative**	0	
Infinite (%)	0.0%	**Negative (%)**	0.0%	
Mean	5.8433333	**Memory size**	1.3 KiB	

More details

sepal width (cm)

Real number (ℝ)
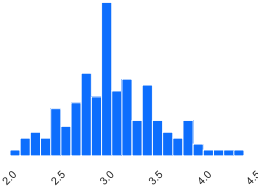
Distinct	23	**Minimum**	2	
Distinct (%)	15.3%	**Maximum**	4.4	
Missing	0	**Zeros**	0	
Missing (%)	0.0%	**Zeros (%)**	0.0%	
Infinite	0	**Negative**	0	
Infinite (%)	0.0%	**Negative (%)**	0.0%	
Mean	3.0573333	**Memory size**	1.3 KiB	

More details

petal length (cm)
Real number (ℝ)

High correlation

Distinct	43	**Minimum**	1
Distinct (%)	28.7%	**Maximum**	6.9
Missing	0	**Zeros**	0
		Zeros (%)	0.0%
Missing (%)	0.0%	**Negative**	0
Infinite	0	**Negative (%)**	0.0%
Infinite (%)	0.0%	**Memory size**	1.3 KiB
Mean	3.758		

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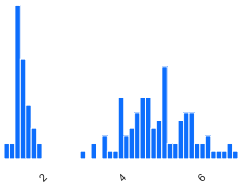
More details

petal width (cm)
Real number (ℝ)

High correlation

Distinct	22	**Minimum**	0.1
Distinct (%)	14.7%	**Maximum**	2.5
Missing	0	**Zeros**	0
		Zeros (%)	0.0%
Missing (%)	0.0%	**Negative**	0
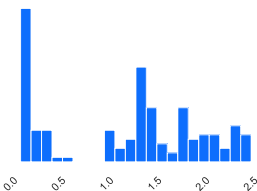
Infinite	0	**Negative (%)**	0.0%
Infinite (%)	0.0%	**Memory size**	1.3 KiB
Mean	1.1993333		

More details

target

Categorical

High correlation   **Uniform**

◀   ▶

Distinct	3	setosa	50
Distinct (%)	2.0%	versicolor	50
Missing	0	virginica	50
Missing (%)	0.0%		
Memory size	8.5 KiB		

More details

Interactions

sepal length (cm)	sepal width (cm)	petal length (cm)
petal width (cm)		

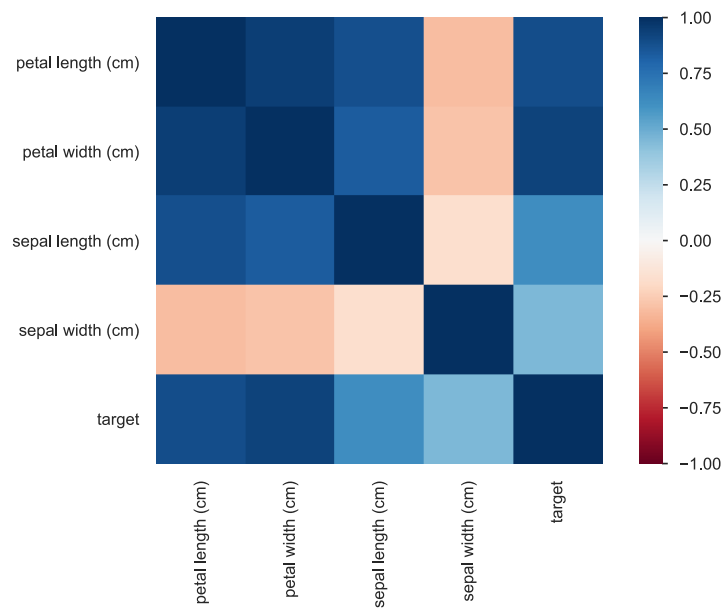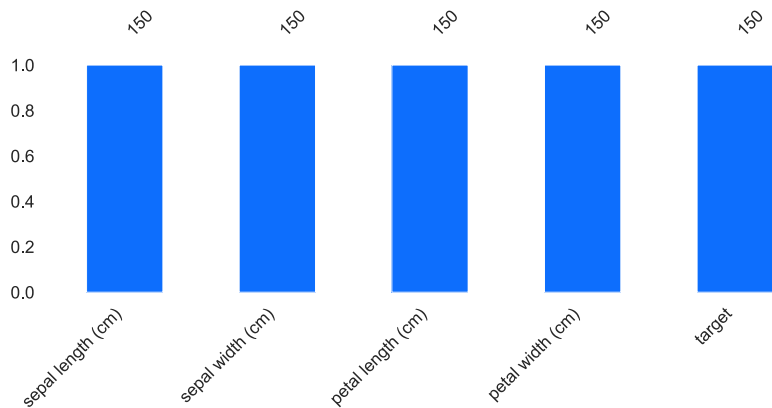| petal width (cm)	sepal length (cm)	sepal width (cm)
petal length (cm)		
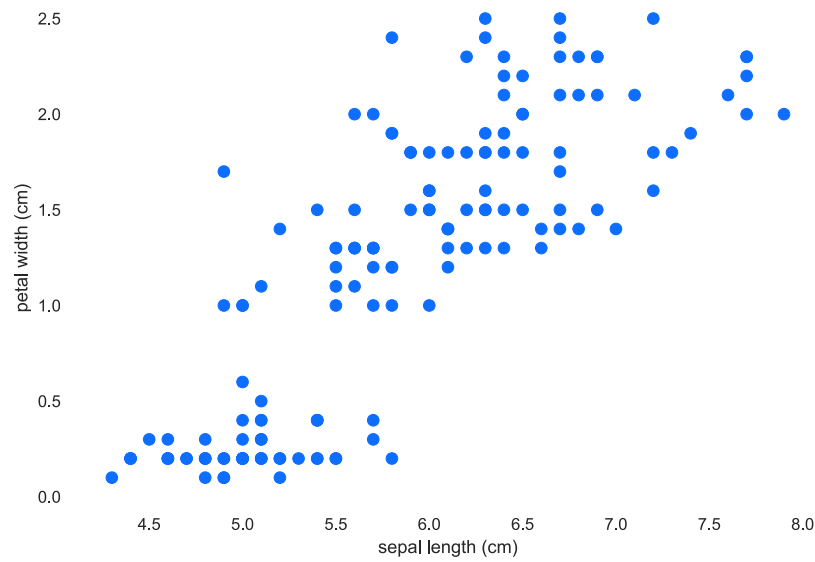
Correlations

Auto

Heatmap | Table

Missing values

Count   Matrix

A simple visualization of nullity by column.

Sample

First rows   Last rows

	sepal length (cm)	sepal width (cm)	petal length (cm)	pe
0	5.1	3.5	1.4	0.2
1	4.9	3.0	1.4	0.2
2	4.7	3.2	1.3	0.2
3	4.6	3.1	1.5	0.2
4	5.0	3.6	1.4	0.2
5	5.4	3.9	1.7	0.4

	sepal length (cm)	sepal width (cm)	petal length (cm)	pe
6	4.6	3.4	1.4	0.3
7	5.0	3.4	1.5	0.2
8	4.4	2.9	1.4	0.2
9	4.9	3.1	1.5	0.1

Duplicate rows

Most frequently occurring

	sepal length (cm)	sepal width (cm)	petal length (cm)	petal width (cm)	target	# duplicates
0	5.8	2.7	5.1	1.9	virginica	2

Report generated by YData.