

## نمای کلی (مجموعه داده‌ی Abalone)

Overview

Warnings

Reproduction

Dataset statistics

Number of variables	9
Number of observations	4177
Missing cells	0
Missing cells (%)	0.0%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	497.8 KiB
Average record size in memory	122.0 B

Variable types

NUM	8
CAT	1

## متغیرها (۱ بعد مسئله)

Sex

Categorical

Distinct	3
Distinct (%)	0.1%
Missing	0
Missing (%)	0.0%
Memory size	32.8 KiB

M

I

F

1528

1342

1307

Toggle details

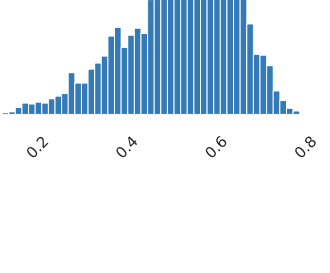
Length

Real number (R<sub>50</sub>)

HIGH CORRELATION

Distinct	134
Distinct (%)	3.2%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	0.5239920996
Minimum	0.075
Maximum	0.815
Zeros	0
Zeros (%)	0.0%
Memory size	32.8 KiB



Toggle details

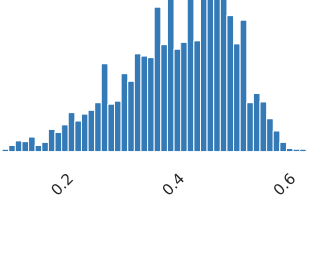
Diameter

Real number (R<sub>50</sub>)

HIGH CORRELATION

Distinct	111
Distinct (%)	2.7%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	0.4078812545
Minimum	0.055
Maximum	0.65
Zeros	0
Zeros (%)	0.0%
Memory size	32.8 KiB



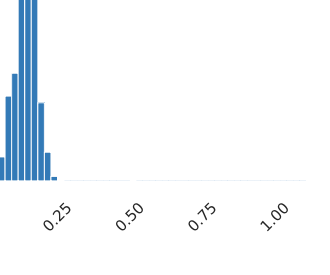
Toggle details

Height

Real number (R<sub>50</sub>)

Distinct	51
Distinct (%)	1.2%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	0.1395163993
Minimum	0
Maximum	1.13
Zeros	2
Zeros (%)	< 0.1%
Memory size	32.8 KiB



Toggle details

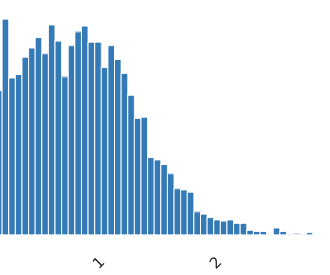
WholeWeight

Real number (R<sub>50</sub>)

HIGH CORRELATION

Distinct	2429
Distinct (%)	58.2%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	0.8287421594
Minimum	0.002
Maximum	2.8255
Zeros	0
Zeros (%)	0.0%
Memory size	32.8 KiB



Toggle details

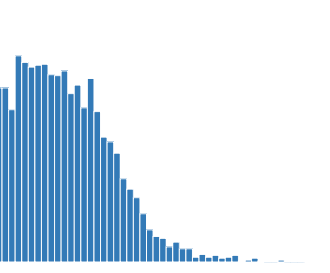
ShuckedWeight

Real number (R<sub>50</sub>)

HIGH CORRELATION

Distinct	1515
Distinct (%)	36.3%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	0.3593674886
Minimum	0.001
Maximum	1.488
Zeros	0
Zeros (%)	0.0%
Memory size	32.8 KiB



Toggle details

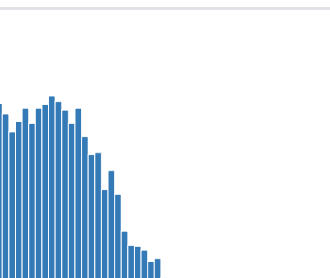
VisceraWeight

Real number (R<sub>50</sub>)

HIGH CORRELATION

Distinct	880
Distinct (%)	21.1%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	0.1805936079
Minimum	0.0005
Maximum	0.76
Zeros	0
Zeros (%)	0.0%
Memory size	32.8 KiB



Toggle details

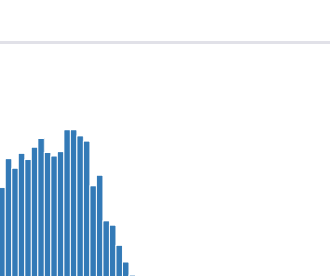
ShellWeight

Real number (R<sub>50</sub>)

HIGH CORRELATION

Distinct	926
Distinct (%)	22.2%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	0.2388308595
Minimum	0.0015
Maximum	1.005
Zeros	0
Zeros (%)	0.0%
Memory size	32.8 KiB



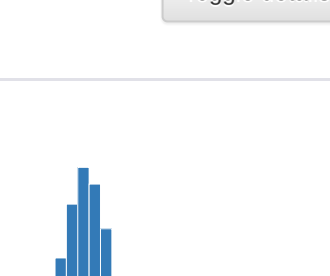
Toggle details

Rings

Real number (R<sub>50</sub>)

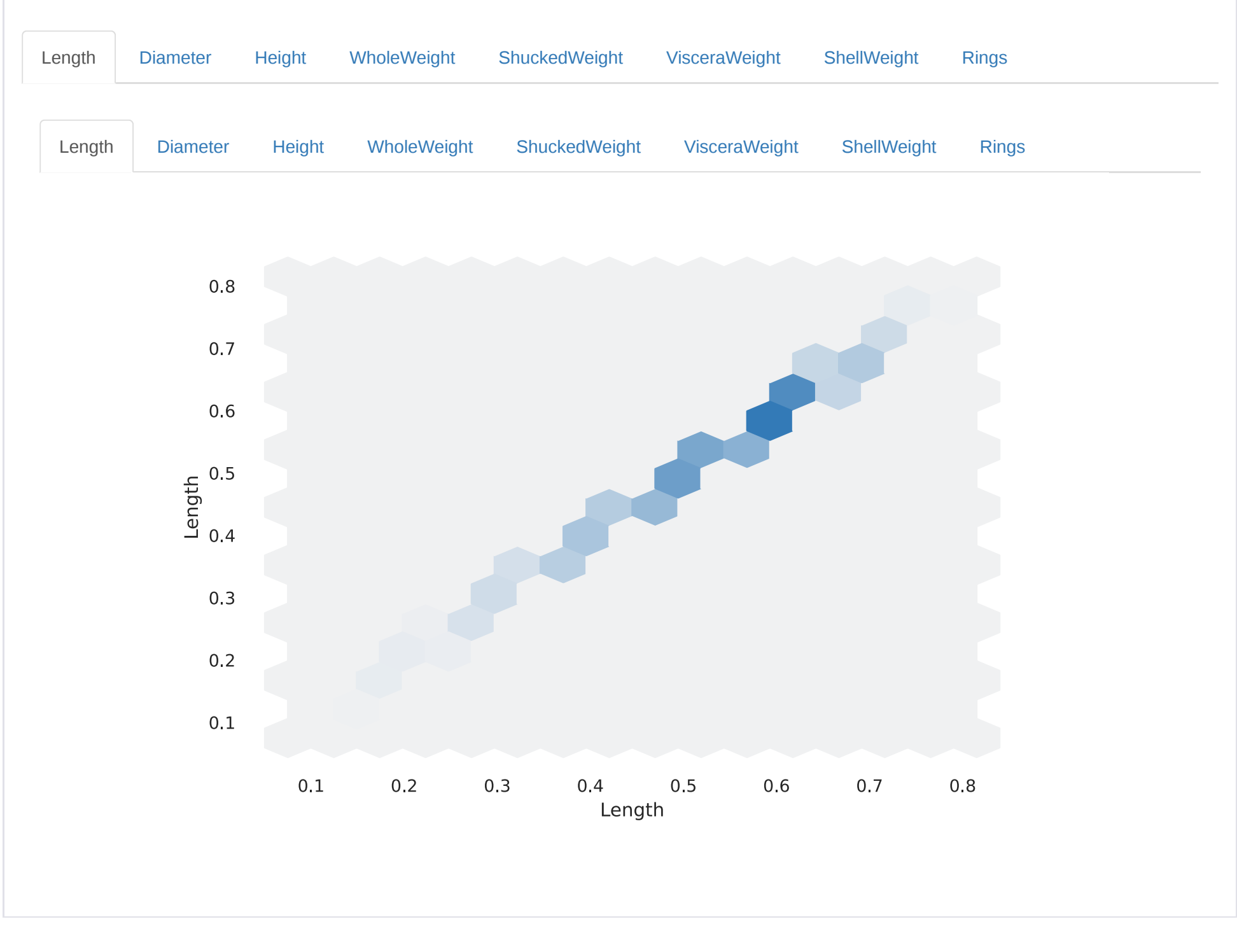
Distinct	28
Distinct (%)	0.7%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	9.933684463
Minimum	1
Maximum	29
Zeros	0
Zeros (%)	0.0%
Memory size	32.8 KiB

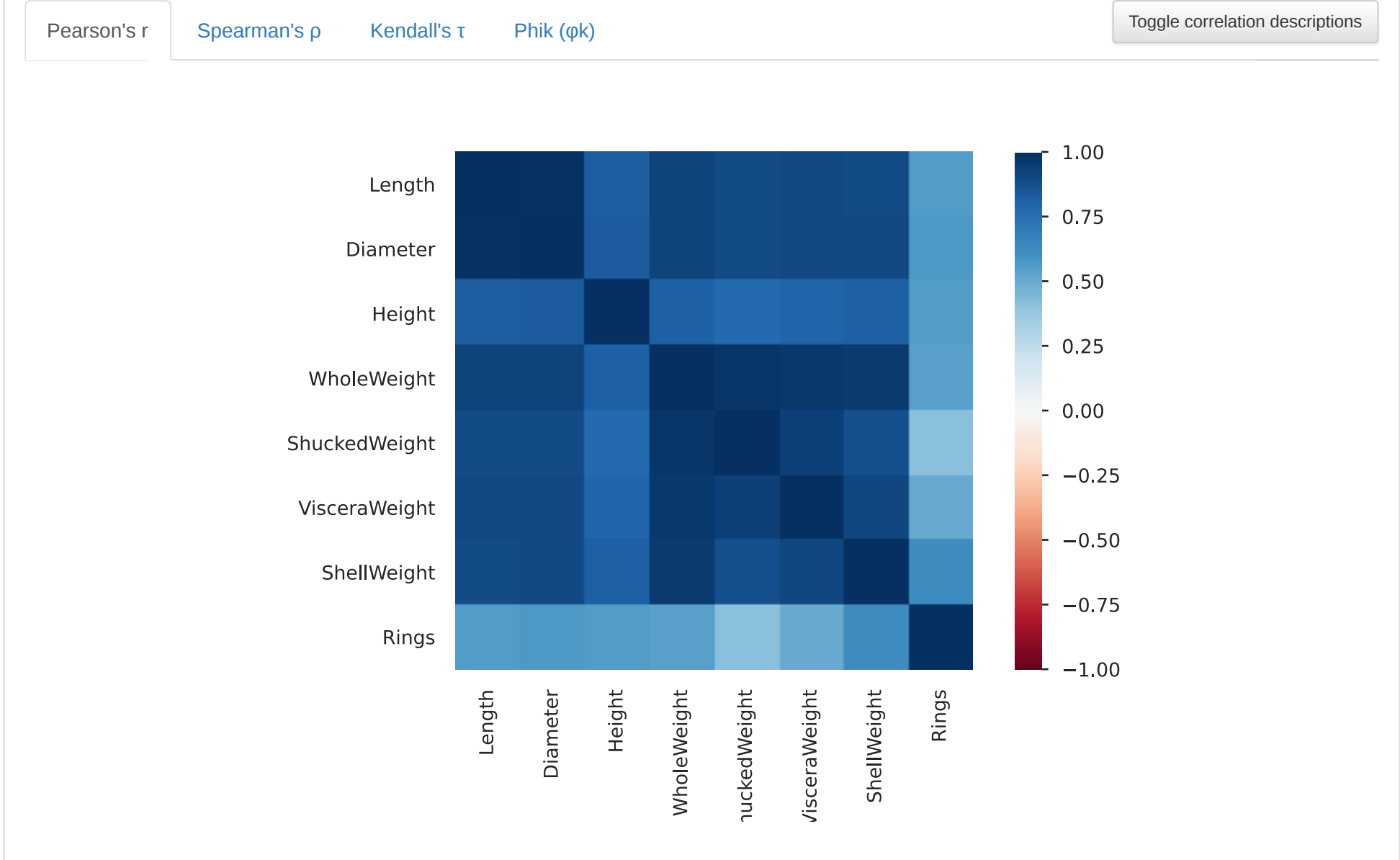


Toggle details

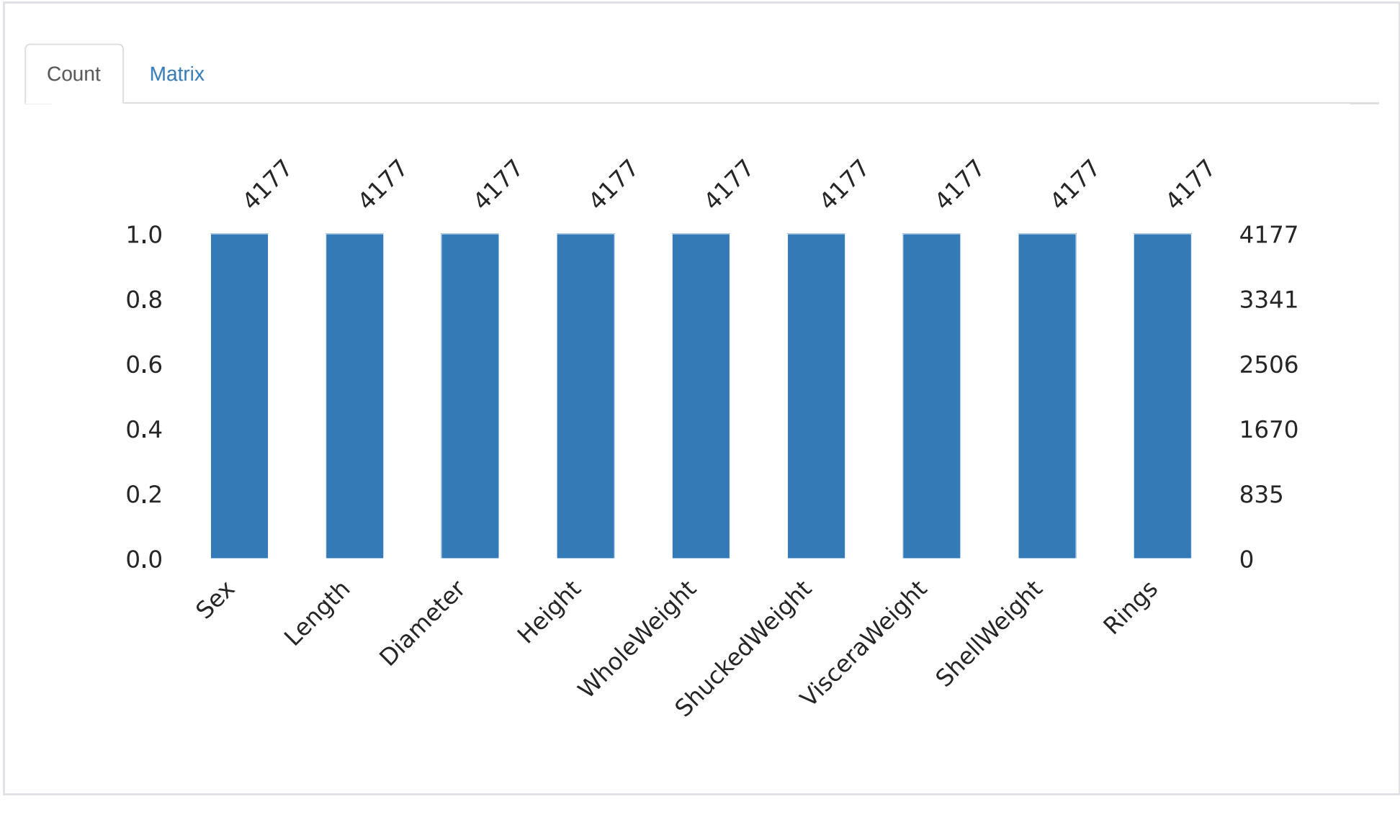
## اثرات متقابل داده‌ها



## مبستگی‌ها



## مقادیر گم‌شده



## نمونه‌ی داده‌ها

First rows

	Sex	Length	Diameter	Height	WholeWeight	ShuckedWeight	VisceraWeight	ShellWeight	Rings
0	M	0.455	0.365	0.095	0.5140	0.2245	0.1010	0.150	15
1	M	0.350	0.265	0.090	0.2255	0.0995	0.0485	0.070	7
2	F	0.530	0.420	0.135	0.6770	0.2565	0.1415	0.210	9
3	M	0.440	0.365	0.125	0.5160	0.2155	0.1140	0.155	10
4	I	0.330	0.255	0.080	0.2050	0.0895	0.0395	0.055	7
5	I	0.425	0.300	0.095	0.3515	0.1410	0.0775	0.120	8
6	F	0.530	0.415	0.150	0.7775	0.2370	0.1415	0.330	20
7	F	0.545	0.425	0.125	0.7680	0.2940	0.1495	0.260	16
8	M	0.475	0.370	0.125	0.5095	0.2165	0.1125	0.165	9
9	F	0.550	0.440	0.150	0.8945	0.3145	0.1510	0.320	19

Last rows

	Sex	Length	Diameter	Height	WholeWeight	ShuckedWeight	VisceraWeight	ShellWeight	Rings
4167	M	0.500	0.380	0.125	0.5770	0.2690	0.1265	0.1535	9
4168	F	0.515	0.400	0.125	0.6150	0.2865	0.1230	0.1765	8
4169	M	0.520	0.385	0.165	0.7910	0.3750	0.1800	0.1815	10
4170	M	0.550	0.430	0.130	0.8395	0.3155	0.1955	0.2405	10
4171	M	0.560	0.430	0.155	0.8675	0.4000	0.1720	0.2290	8
4172	F	0.565	0.450	0.165	0.8870	0.3700	0.2390	0.2490	11
4173	M	0.590	0.440	0.135	0.9660	0.4390	0.2145	0.2605	10
4174	M	0.600	0.475	0.205	1.1760	0.5255	0.2875	0.3080	9
4175	F	0.625	0.485	0.150	1.0945	0.5310	0.2610	0.2960	10
4176	M	0.710	0.555	0.195	1.9485	0.9455	0.3765	0.4950	12