

(a) Continuous features

Feature	Count	% Miss.	Card.	Min.	1 st Qrt.	Mean	Median	3 rd Qrt.	Max.	Std dev.
Length	4177	0	134	0.075	0.450	0.524	0.545	0.615	0.815	~ 0.12
Diameter	4177	0	111	0.550	0.350	~ 0.408	0.425	0.480	0.650	~ 0.10
Height	4177	0	51	0.000	0.115	~ 0.140	0.140	0.165	1.130	~ 0.04
Whole weight	4177	0	2429	0.002	~ 0.442	0.829	~ 0.800	1.153	2.826	~ 0.49
Shucked weight	4177	0	1515	0.001	0.186	0.359	0.336	0.502	1.488	~ 0.22
Viscera weight	4177	0	880	~ 0.001	0.094	~ 0.181	0.171	0.253	0.760	~ 0.11
Shell weight	4177	0	926	~ 0.002	0.130	~ 0.239	0.2340	0.329	1.005	~ 0.14
Rings	4177	0	28	1.000	8.000	9.934	9.000	11.000	29.000	~ 3.22

(b) Categorical features

Feature	Count	% Miss.	Card.	Mode	Mode Freq.	Mode %	2 nd Mode	2 nd Mode Freq.	2 nd Mode %
Sex	4177	0	3	M	1528	~ 36.58	I	1342	~ 32.13

Key:

- Missing Values (MV)
- Irregular Cardinality (IC)
- Outliers (O)
- Noise (N)
- Skewed/Imbalanced (SI)

Feature	Data quality issue	Potential handling strategies
Sex	N/a	N/a
Length	O	O - remove
Diameter	O	O - remove
Height	O	O - remove
Whole weight	O	O - remove
Shucked weight	O	O - remove
Viscera weight	O	O - remove
Shell weight	O	O - remove
Rings	O	O - remove