

<https://www.kaggle.com/datasets/rodolfomendes/abalone-dataset>

This dataset uses different measurements to predict the age (number of rings plus 1.5) in years of abalone. It has 9 columns. The predictor variables are:

- Sex: M for male, F for female, and I for infant
- Length: The longest shell measurement, in millimeters
- Diameter: The shell measurement perpendicular to the length, in millimeters
- Height: The height with meat in the shell, in millimeters
- Whole Weight: The weight of the whole abalone, in grams
- Shucked Weight: The weight of the meat, in grams
- Viscera Weight: The gut weight after bleeding, in grams
- Shell Weight: The shell weight after being dried, in grams

The response variable is:

- Rings: The number of rings the abalone has. The actual age in years of the abalone is given by $\text{Rings} + 1.5 \text{ Years}$.