Trabajo Práctico:

A continuación, encontrará la información compartida referida al dataset Abalone.

Nuestro interés es simplemente pronosticar la variable “Rings” como un valor numérico, es decir planteado como un problema de Regresión.

Resuélvalo mediante el uso de Regresión Lineal en Orange, deje listo el modelo de producción … porque yo después le voy a pasar unos valores nuevos para que pronostique!.

**Source:**

Data comes from an original (non-machine-learning) study:   
Warwick J Nash, Tracy L Sellers, Simon R Talbot, Andrew J Cawthorn and Wes B Ford (1994)   
"The Population Biology of Abalone (\_Haliotis\_ species) in Tasmania. I. Blacklip Abalone (\_H. rubra\_) from the North Coast and Islands of Bass Strait",   
Sea Fisheries Division, Technical Report No. 48 (ISSN 1034-3288)   
  
Original Owners of Database:   
  
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**Data Set Information:**

Predicting the age of abalone from physical measurements. The age of abalone is determined by cutting the shell through the cone, staining it, and **counting the number of rings** through a microscope -- a boring and time-consuming task. Other measurements, which are easier to obtain, are used to predict the age. Further information, such as weather patterns and location (hence food availability) may be required to solve the problem.   
  
From the original data examples with missing values were removed (the majority having the predicted value missing), and the ranges of the continuous values have been scaled for use with an ANN (by dividing by 200).

**Attribute Information:**

Given is the attribute name, attribute type, the measurement unit and a brief description. **The number of rings is the value to predict**: either as a **continuous value** or as a classification problem.   
  
Name / Data Type / Measurement Unit / Description   
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Sex / nominal / -- / M, F, and I (infant)   
Length / continuous / mm / Longest shell measurement   
Diameter / continuous / mm / perpendicular to length   
Height / continuous / mm / with meat in shell   
Whole weight / continuous / grams / whole abalone   
Shucked weight / continuous / grams / weight of meat   
Viscera weight / continuous / grams / gut weight (after bleeding)   
Shell weight / continuous / grams / after being dried   
Rings / integer / -- / +1.5 gives the age in years   
  
The readme file contains attribute statistics.