

Data Dictionary

Data: Diamond Prices vs. their Characteristic

Target: Diamond price in USD

Size: 53,940 observations with 11 Attributes

General Objective: Predict the price of a diamond based upon the other attributes in these data.

Digital Label	Role	Level	Description
obs	ID	Nominal	The observation number in the dataset. Ranges from 1 to 53,940
Carat	Input	Interval	Measure of diamond's size. Ranges from 0.2 to 5.5
cut	Input	Nominal	5 categories: Fair, Good, Ideal, Premium and Very Good
color	Input	Nominal	7 categories: D, E, F, G, H, I and J.
clarity	Input	Nominal	8 categories: I1, IF, SI1, SI2, VS1, VS2, VVS1 and VVS2
depth	Input	Interval	Ranges from 40 to 80
table	Input	Interval	Ranges from 40 to 100
x	Input	Interval	Ranges from 0 to 11
y	Input	Interval	Ranges from 0 to 60
z	Input	Interval	Ranges from 0 to 32
price	Target	Interval	\$300 to \$20,000