ML TERMINOLOGIES

For a dataset:

1)A row is called as an observation/sample/instance/record/example.

2)A column is called as a feature/predictor/attribute/independent variable/input/regressor/covariate.

3)Value that we are predicting through a model is called as target/response/dependent variable/label/outcome.

TYPES OF SUPERVISED LEARNING

1)Classification : (a)The target fits into one of the categories. For example if the color is red, target is apple, if its orange the target is orange or if its green the target is grapes and so on…Here apple, orange and grapes refer to categories based on their unique features. In this case, its color.
(b)Example :

Color	Fruit
Red	Apple
Green	Grapes
Orange	Orange

2)Regression : The target does not fit into any category. For eg: price of a house.

Country	House price
US	$410,200
Germany	$349,024
Russia	$627.07

TARGET

A target is simply a feature that we are predicting based on various other features. In this case the target is House Price and Fruit name.