

Google's crash course

Supervised machine learning: ML system learn how to make useful predictions on "never-before-seen" data

Labels: the thing that we are predicting  $\Rightarrow Y$

Features: the input variable  $\Rightarrow X$

Examples: ① labeled example ② unlabeled example

use these to "train" the model to predict these examples

Regression vs Classification, two types of ML problems.

regression is for predicting continuous values. 连续变量.

classification is for predicting discrete values. 离散变量.