**Notes**

1. Linear Regression – predicted value is continuous.

Ex. Home price, weather, stock price.

1. Classification – predicted value is categorical.

Ex. Email is spam or not (binary classification), Will customer buy life insurance?

Which party a person is going to vote for? (Multiclass Classification)

1. Democratic
2. Republic
3. Independent

There are two types of classification:

1. Binary classification: Yes/No
2. Multiclass classification: In which city you live in?