* Import useful libraries

Numpy, pandas, matplotlib.pyplot and seaborn

* Read the csv file using pd.read\_csv()

Data preprocessing

Part 1

* First preprocess Partner, dependents and phone service columns. They have only “yes and no”. So we can use 1 and 0 for represent those. We can give a mapping for “yes and no ” as 1 and 0.
* Apply our mapping for the all 3 above 3 mentioned columns.
* Now above 3 mentioned columns are preprocessed.

Part 2

* Some columns have 3 values. ‘yes no and one other ’.
* We can take yes = 1, no and others = 0

Dymmy

Gender has 2 parts. Male and Female. We can create dummy variables for those 2. (Remove gender column and add 2 columns as Male and Female. One and 0 will be in those 2 new columns.) After 29 min special dummies ….