ted2-1

June 7, 2017

1 Exercice 2: Part 1

2 Import the necessary libraries and open the data set

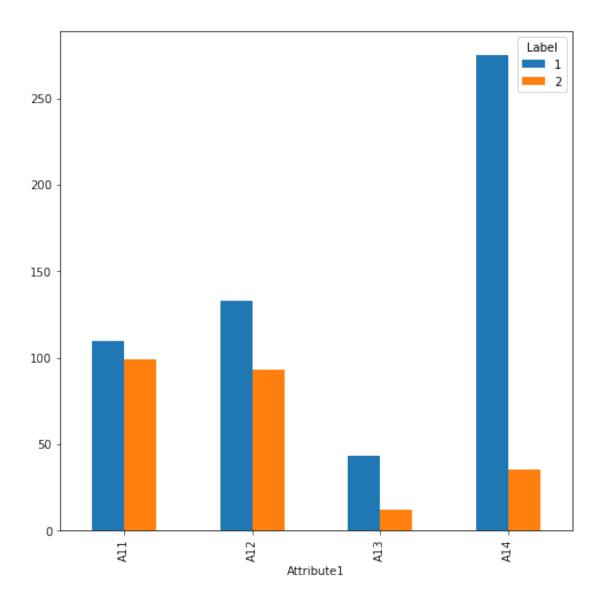
import pandas as pd import numpy as np from sklearn.tree import DecisionTreeClassifier from sklearn.ensemble import RandomForestClassifier from sklearn.cross_validation import train_test_split, ShuffleSplit, cross_val_score from sklearn import preprocessing import matplotlib.pyplot as plt import plotly.plotly as py import plotly.graph_objs as go

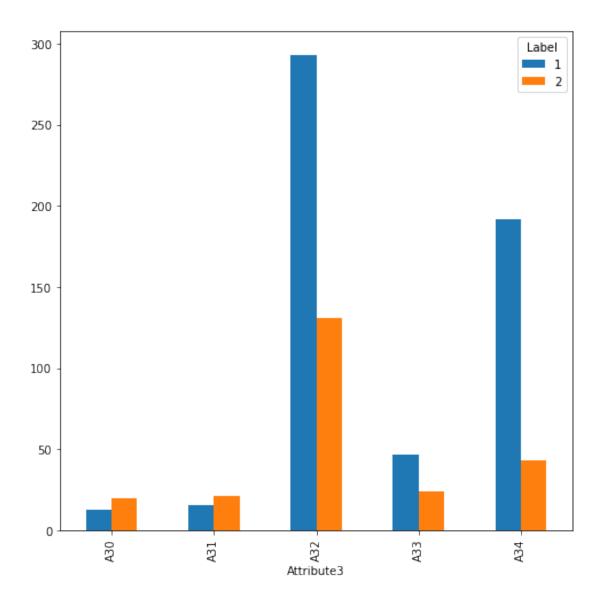
data_set = pd.read_csv('train.tsv', sep='') good = data_set[data_set.Label== 1] bad = data_set[data_set.Label==2]

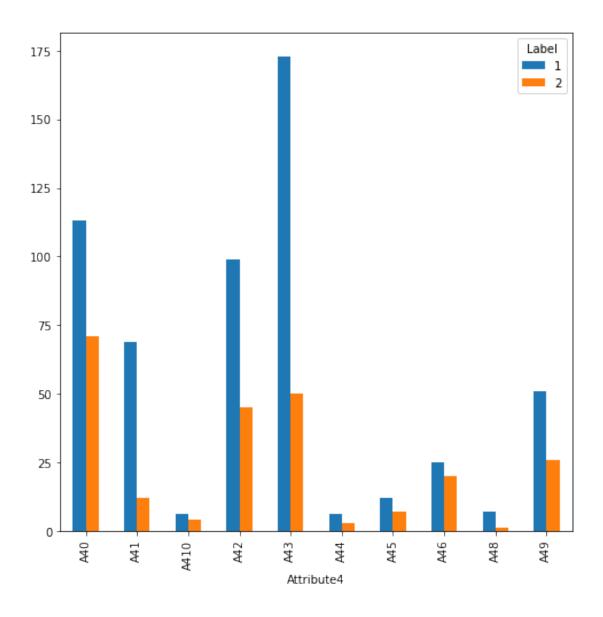
3 Function to Create Qualitive Plots

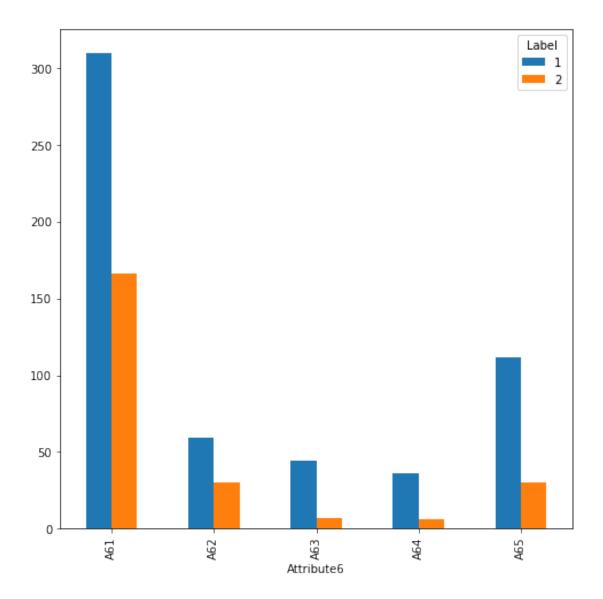
4 Function to Create Numerical Plots

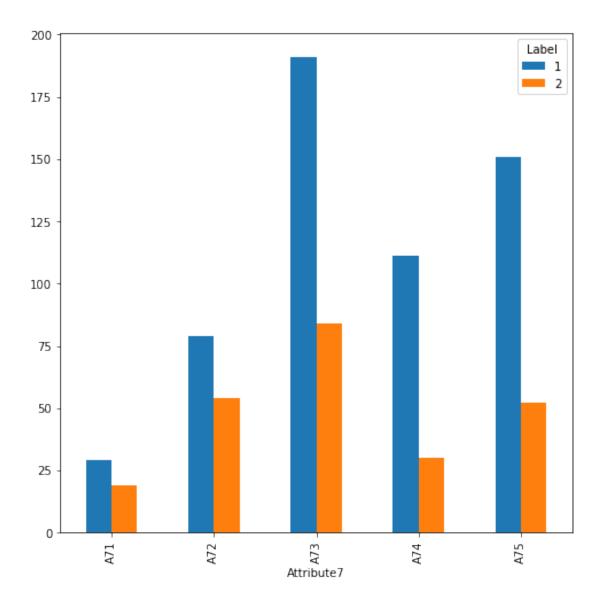
5 Call of the Function to Create all the Qualitive Plots

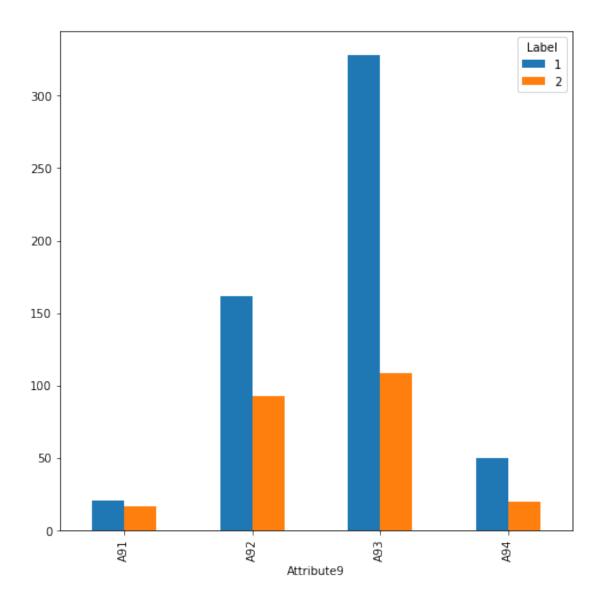


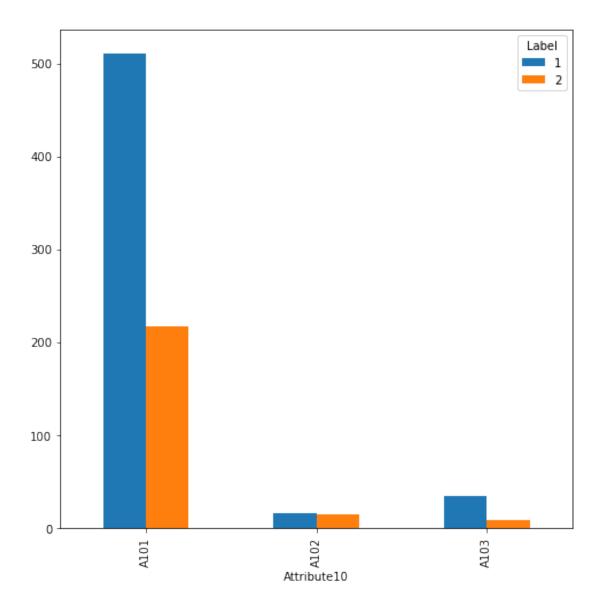


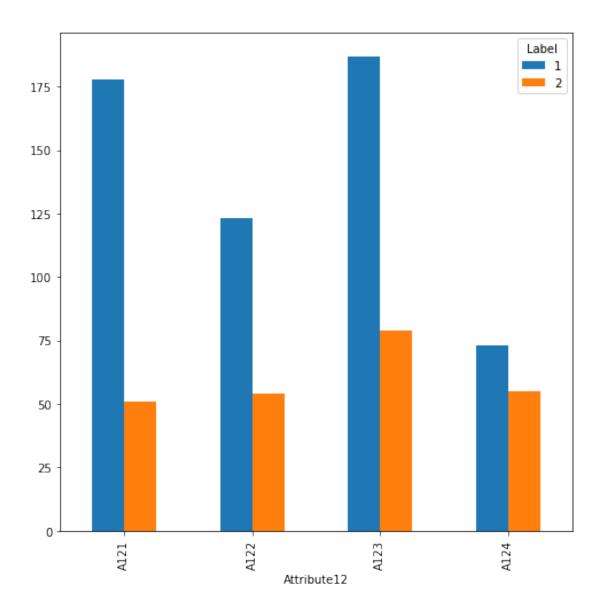


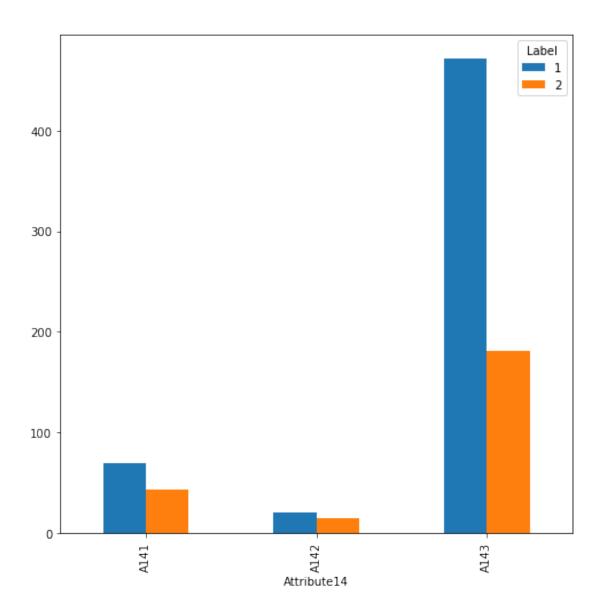


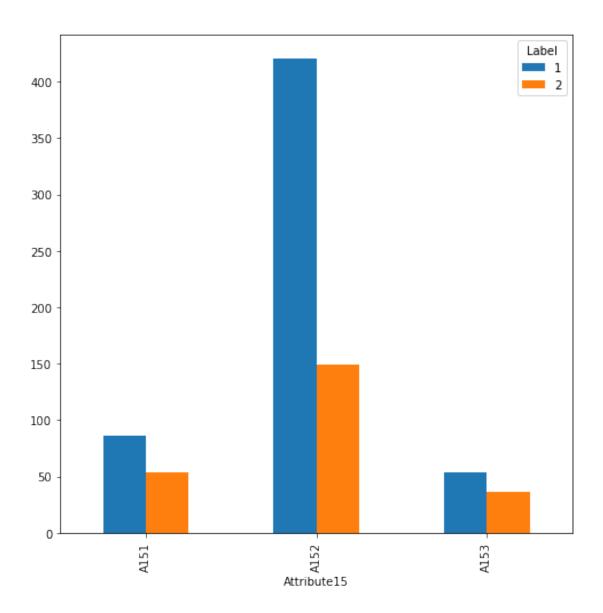


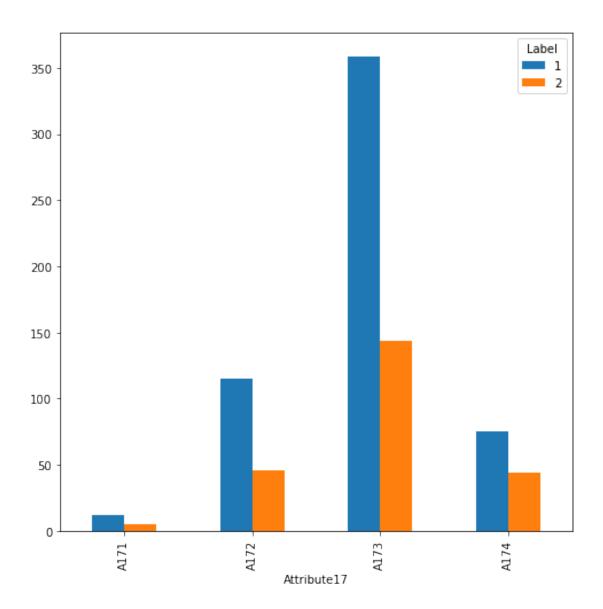


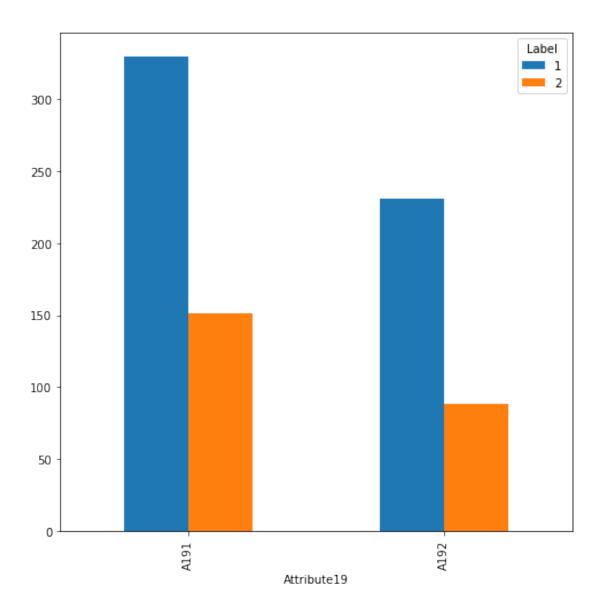


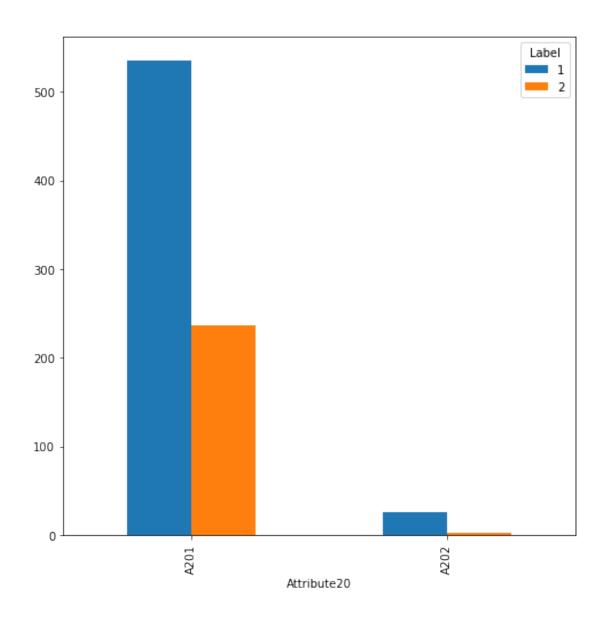












6 Call of the Function to Create all the Numerical Plots

