**SVM**

1. The given data set is a forest data set , We need to predict the area burnt in this problem ,I have done some pre-processing on the data like checking for null values, Performing one-hot encoding and label encoding where ever required and I have applied the SVM algorithm and I have found the train\_accuracy and test\_accuracy similar and high , So I can conclude that it is abest fit model. As there are no graphs regarding this Module ,So Iam just explaning how I have done My assignment in brief.

2 ) This salary prediction data consists of around 14 columns , Based on the persons Qualification, Job,city, Relationship status, race, native , upskill ,down skill .We need to predict wether he will get greater than 50k or less than 50k . So I have done the preprocessing like creating dummy variables , Cateogary encoder, checking the nulls . So in this data set I have removed the race and relationship status for predicting the income of a person .I personally didn’t fell these 2 features are important. As there are no graphs regarding this Module ,So Iam just explaning how I have done My assignment in brief.