

```
rfmodellist=[lin,SVRl,dec,rf]
for i in rfmodellist:
    print(i)
    log_rfe = RFE(estimator=i,n_features_to_select=n)
    log_fit = log_rfe.fit(indep_X, dep_Y)
    log_rfe_feature=log_fit.transform(indep_X)
    rfelist.append(log_rfe_feature)
return rfelist
```

[3]:

```
def split_scalar(indep_X,dep_Y):
    X_train, X_test, y_train, y_test = train_test_split(indep_X, dep_Y, test_size =
#X_train, X_test, y_train, y_test = train_test_split(indep_X,dep_Y, test_size =

#Feature Scaling
#from sklearn.preprocessing import StandardScaler
sc = StandardScaler()
X_train = sc.fit_transform(X_train)
X_test = sc.transform(X_test)
return X_train, X_test, y_train, y_test
```

[4]: def r2_prediction(regressor,X_test,y_test):