MODEL BUILDING:

Choose the appropriate model

```python
#loading the linear regression
from sklearn.ensemble import RandomForestRegressor
from sklearn.metrics import r2_score
regressor = RandomForestRegressor(n_estimator = 1000,max_depth = 10,random_state = 34
)


#fitting the model

regressor.fit(X_train, np.ravel(Y_train,order='C'))
```