Evaluation of D.D., Major Project Part -1

Name: Shivan	shu Verma	Entry Number: 2015CH70186
Project Title:	Surface Binding Energy Prediction using	g Machine Learning Models.
	d for the report number 1 / 2 / 3 / 4 ase circle the appropriate report number 1	
Report 1: 09 An Report 2: 02 Se Report 3: 18 O Report 4: 01 N	ep 2019 ct 2019	
Reports subm	itted later than the deadline will not b	e accepted.
Summary of w	ork done:	
models including regressor, K No	ataset of around 87k catalytic reaction ding Linear regressor, Support Vector earest Neighbours and Neural Network optimised the code to produce 0.69 Ret.	or Regressor and Gradient boosting s to predict the binding energy of C or
Future plan:		
the root mean and finding the	machine learning models on the data sequare error of test dataset upto 0.3. Defeature importance. Built a general moon and Oxygen	different feature selection and extraction
Signature of su	pervisor with date	