STA521 Final Project Report

Group Name: alpha

Part I: 100 / 100

Introduction	Problem	5/5				
10 / 10	Objectives	5/5				
EDA	Contents	15 / 15				
25 / 25	Visual	10 / 10	I love the visuals and comments.			
Modeling	Initial model	5/5				
	Model selection	10 / 10				
35 / 35	Model diagnosis	10 / 10				
	Model summary	10 / 10				
Conclusion	Contents	15 / 15				
20 / 20	Style	5/5				
Evaluation 10 / 10	Evaluation	10 / 10				

Part II: 100 / 100

Introduction	Summary	5/5	
10 / 10	Objectives	5/5	
EDA	Contents	5/5	
10 / 10	Visual	5/5	
Discussion	Performance	5/5	
15 / 15	Refinements	10 / 10	
Modeling	Contents	20 / 20	
30 / 30	Clarity	10 / 10	
Evaluation 20 / 15	Prediction	3/3	
	Evaluation	12 / 12	
20 / 13	Bonus	5/5	
Kaggle 18.9 / 20	Submission	5/5	
	Rank Score	4/5	Rank: 2
10.5 / 20	Accuracy Score	9.9 / 10	RMSE: 0.29520

Rank Score:

Rank	1	2	3	4	5	6	7
Score	5	4	3.5	3	2.5	2	1

Accuracy Score:

The best RMSE of all submissions is 0.28508. The RMSE of predicting all happiness using the overall mean is 1.06199. The accuracy score is calculated as 10 * (1.06199 – RMSE) / (1.06199 – 0.28508).