|  |  |
| --- | --- |
| Team Name | Team Shark |
| Team Members | Kelsey Day  Mohit Rajesh Desai  Raymond Hawkins  Raghavendran Muthusamy |
| Data source | **[ Link of data set]**  <http://archive.ics.uci.edu/ml/machine-learning-databases/wine-quality/winequality-white.csv>  The owner of the data is “Center for Machine Learning & Intelligent Systems” of University of California at Irwine and the author of the data is Paulo Cortez of University of Minho located in Guimarães, Portugal. |
| Data Description | The data obtained talks about the chemical properties of north Portuguese white wine called “Vinho Verde”. |
| No. of Observations | 4898 |
| No. of Attributes | 11 + output variable ( total 12 ) |
| Target | Quality |
| Project Objective | The project’s objective is to model white wine quality based on chemical properties, which form the attributes in the given data set. Thus linking quality/human taste to chemical properties helps wine makers make a thoughtful decision with regards to wine production and helps them determine the price expected on their produced wine. |
| Techniques to apply | 1. Multiple Linear Regression 2. Regression Tree |