**Final Project Proposal – Machine Learning**

**UNCC Data Analytics & Visualization Bootcamp**

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| **Project Title:** | “Stop Wine-ing”, a Project to Determine Wine Quality | |
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| **Team members:** | Cameron Farquhar  Yuri Groza  Beth Myers  Jimmy White  Kurt Dietrich  Jared Nieves | |
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| **Project Description:** | This project will attempt to determine “good” quality wine based upon its characteristics, including acidity, sugar, sulfurs, pH, and alcohol content using Machine Learning. In addition, data will be analyzed on other components, such as quality, price and winery location, etc. | |
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| **Dataset(s) to be used:** | winequality-red.csv from Kaggle.com  <https://www.programmableweb.com/api/global-wine-score-rest-api>  <https://www.programmableweb.com/api/wine-searcher-rest-api-v1>  <https://www.programmableweb.com/api/quini-rest-api>  <https://www.programmableweb.com/api/snooth-rest-api-v10>  Possibly - Vivino | |
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| **Rough Breakdown of Tasks:** | Pull wine-searcher & quini APIs  Pull global-wine-score APIs  Pull snooth API & Kaggle data  Vivino connection (requesting dataset)  Test connectivity to AWS  Data clean-up  HTML  Heroku / AWS connectivity  Github  Tableau  Javascript | Jimmy  Cameron  Beth  Beth  All  Jared  Yuri  Jimmy  Jimmy  Kurt  Cameron |