

Group name:93210

### Introduction:

Our group is going to develop a website that provides wines price prediction function. It will also give appropriate recommendation and related information for clients. This info would come from our model after approaching machine learning. This would help clients to decide how to choose a wine more effectively and sensibly.

### Documentation:

1. Price prediction after the attributes input
2. Recommendation after the requirements input
3. Comments review and addition
4. Attributes comparison (between 2 wines)
5. Rank retrieve
6. Purchase address

**Datasets:** This dataset provides a variety of features, the points, description (review), variety, country, province etc.

**Datasets address:** <https://www.kaggle.com/zynicide/wine-reviews>

**communication channel:** mobile app Wechat in English

**Code repository:** github: <https://github.com/shawn243343/comp9321Groj>

### Task:

1. Data Integration and pre-processing: Hao An, Tianyi Wang
2. Building a machine learning model to fulfil the scenario: Hao An, Tianyi Wang
3. Designing a RESTful API: Luyao Zhang, Wenxiao Xu, Rangbin Li
4. Designing a Simple Client with GUI: Luyao Zhang, Wenxiao Xu

