

Group name:93210

Introduction:

Our group is going to design a website that provide information for client. The information is come from our machine learning traindata. This help client to decide how to choose a wine very cost effective.

The aim of this service:

The recommendation and price prediction of wine for users.

Datasets:

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

Columns			Cancel	No changes yet
A String	country	The country that the wine is from		
A String	description	A few sentences from a sommelier describing the wine's taste, smell, look, feel, etc.		
A String	designation	The vineyard within the winery where the grapes that made the wine are from		
# Numeric	points	The number of points WineEnthusiast rated the wine on a scale of 1-100 (though they say they only post reviews for wines that score >=80)		
# Numeric	price	The cost for a bottle of the wine		
A String	province	The province or state that the wine is from		
A String	region_1	The wine growing area in a province or state (ie Napa)		
A String	region_2	Sometimes there are more specific regions specified within a wine growing area (ie Rutherford inside the Napa Valley). but this value can sometimes be blank		
A String	taster_name	Name of the person who tasted and reviewed the wine		
A String	taster_twitter_handle	Twitter handle for the person who tasted and reviewed the wine		
A String	title	The title of the wine review, which often contains the vintage if you're interested in extracting that feature		
A String	variety	The type of grapes used to make the wine (ie Pinot Noir)		
A String	winery	The winery that made the wine		

communication channel : mobile app Wechat in English

code repository: github: <https://github.com/shawn243343/comp9321Groj>

Task:

Data Integration and pre-processing: Hao An, Tianyi Wang

Building a machine learning model to fulfil the scenario: Hao An, Tianyi Wang

Designing a RESTful API: Luyao Zhang, Wenxiao Xu, Rangbin Li

Designing a Simple Client with GUI: Luyao Zhang, Wenxiao Xu

