

COMP9321 Assignment 3

Name: Wine Price Prediction System

Documentation:

This system is for wine price prediction and searching information based on our wine database. There are three distinct functions, which are price prediction, Rank query and review system. You can predict the wine price on your specific demand. You also can query the rank of wine based on our database and if you want, you can share your feeling to a specific wine, we will provide your review to other users. Please enjoy our service.

Prediction:

The main function is price prediction of wine for given Country, variety and winery. There are 3 input fields: country, variety and winery. Users must fill in at least two of them to get a forecast price (or a range). If there are some specific wines which satisfied the three given arguments, the system will give the details of this wine to the user. Otherwise, it will recommend 3 relative wines to the user.

Rank:

The ranking function aims to recommend top popular wines for given Country, Variety and Price. There are 4 input fields: country, variety, price and integer N. An integer N is required from user to get a top N wines under the three conditions, where N can be an integer value between 1 and 20.

Review:

Review function allows users to check out other people's comments and add their own to each wine.