

CIS 335: Assignment 1

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Part 1 & 2

Data set downloaded from Kaggle: <https://www.kaggle.com/zynicide/wine-reviews>

Part 3

There are 13 variables:

Name	Attribute
country	nominal
description	nominal
designation	nominal
points	numeric (ratio)
price	numeric (ratio)
province	nominal
region_1	nominal
region_2	nominal
taster_name	nominal
taster_twitter_handle	nominal
title	nominal
variety	nominal
winery	nominal

Part 4

```
Mode <- function(x) {  
  ux <- unique(x)  
  ux[which.max(tabulate(match(x, ux)))]  
}
```

Points and price are the only numeric variables.

```
wineData %>%  
  summarize(  
    mean = mean(points),  
    median = median(points),  
    mode = Mode(points),  
  ) %>%  
  kable()
```

mean	median	mode
88.44714	88	88