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#09/25/2017  
#HW6
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```
#Install ggplot2  
install.packages("ggplot2")
```

```
#Use ggplot2  
library("ggplot2")
```

```
#Read the wine data and name the attribute  
wine <- read.table("http://archive.ics.uci.edu/ml/machine-learning-  
databases/wine/wine.data", col.names = c("Class", "Alcohol", "Malic Acid", "Ash", "Alcalinity of  
Ash", "Magnesium", "Total Phenols", "Flavanoids", "Nonflavanoid Phenols", "Proanthocyanins",  
"Color Intensity", "Hue", "Ratio of Dilution", "Proline"), sep=",")
```

```
#Factor class column  
wine$Class <- factor(wine$Class)
```

```
#Scatterplot of Flavanoids vs. Alcohol  
qplot(data = wine, x = Flavanoids, y = Alcohol, color = Class) + ggtitle("Flavanoids vs. Alcohol") +  
theme(plot.title = element_text(hjust = 0.5))
```

```
#Save the plot  
ggsave("wine_scatterplot.jpg")
```

