

Resolução

```
1 library(readxl)
2 library(ggplot2)
3
4 # Read and filter the data
5 data = read_excel("Exc2/wine_prod_EU.xlsx")
6 data = subset(data, Category != '-' & 'Product Group' != 'Non-
   Vinified')
7
8 # Filter year 2000
9 data2000 = subset(data, Year == 2000)
10
11 data2000$'Member State' [
12   data2000$'Member State' != 'France' &
13   data2000$'Member State' != 'Italy' &
14   data2000$'Member State' != 'Spain'] <- 'Others'
15
16 ggplot(data2000, aes(x = Category, y = Production, fill = 'Member
   State')) + geom_bar(stat = "identity", position = "dodge") +
17   labs(
18     title = "Wine Production by Category in 2000",
19     x = "Category",
20     y = "Production"
21   )
22
23 ggsave("plot.png", width = 10, height = 8)
```

Gráfico

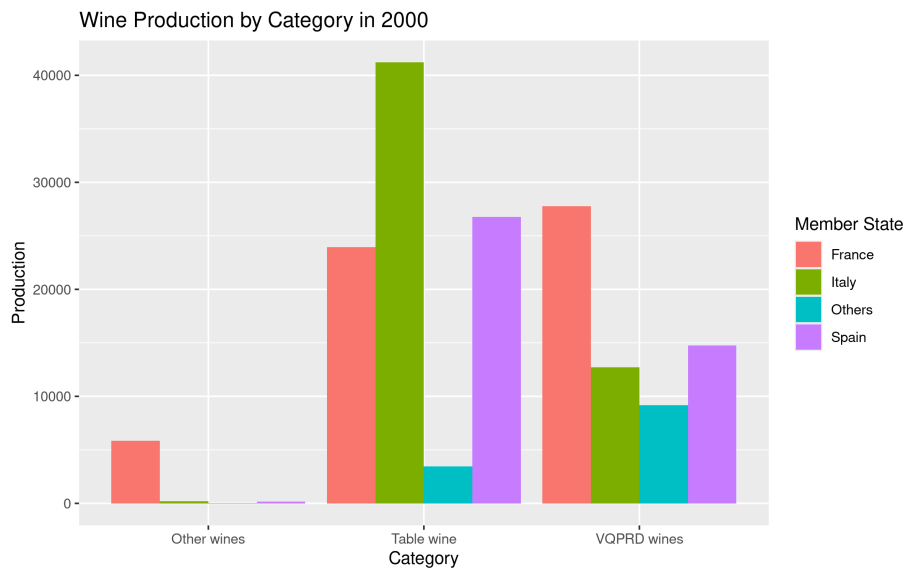


Figure 1: Gráfico