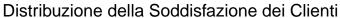
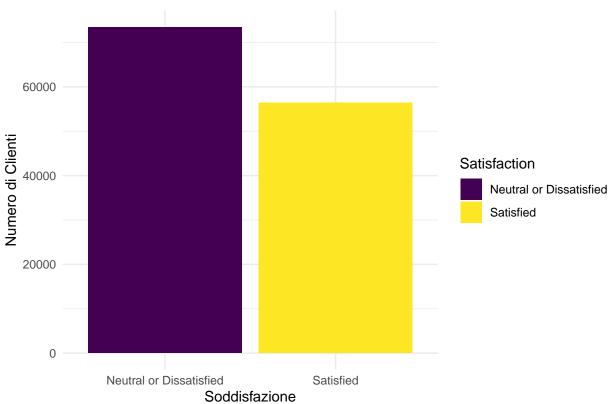
AirLines

```
{r setup, include=FALSE}
knitr::opts_chunk$set(echo = TRUE)
library(ggplot2)
library(dplyr)
## Caricamento pacchetto: 'dplyr'
## I seguenti oggetti sono mascherati da 'package:stats':
##
##
       filter, lag
## I seguenti oggetti sono mascherati da 'package:base':
##
##
       intersect, setdiff, setequal, union
library(readr)
# Carica il dataset
data <- read.csv("Dataset/airline_passenger_satisfaction.csv")</pre>
# Controlla i primi record
head(data)
##
     ID Gender Age Customer.Type Type.of.Travel
                                                   Class Flight.Distance
## 1 1
         Male 48
                     First-time
                                       Business Business
## 2 2 Female 35
                                                                      821
                      Returning
                                       Business Business
## 3 3 Male 41
                       Returning
                                       Business Business
                                                                      853
## 4 4
         Male 50
                                                                     1905
                       Returning
                                       Business Business
## 5 5 Female 49
                       Returning
                                       Business Business
                                                                    3470
## 6 6 Male 43
                       Returning
                                       Business Business
                                                                    3788
    Departure.Delay Arrival.Delay Departure.and.Arrival.Time.Convenience
## 1
                   2
                                 5
## 2
                  26
                                39
                                                                         2
                                                                         4
## 3
                   0
                                 0
                                                                         2
## 4
                   0
                                 0
## 5
                   0
                                 1
                                                                         3
                   0
##
   Ease.of.Online.Booking Check.in.Service Online.Boarding Gate.Location
## 1
                          3
                                                           3
## 2
                          2
                                           3
                                                           5
                                                                          2
## 3
                                           4
                                                           5
                                                                          4
                          2
                                           3
                                                                          2
```

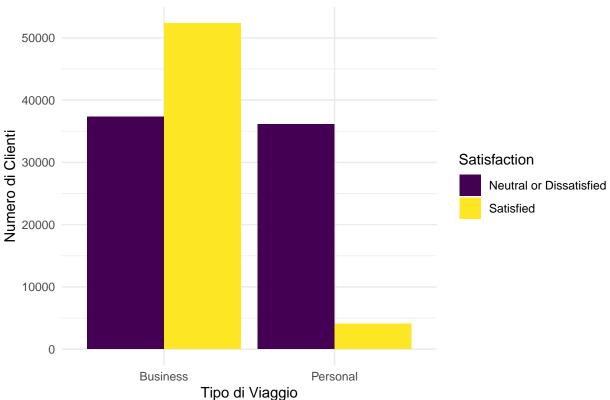
4

```
## 5
                           3
                                            3
                                                             5
## 6
                           4
                                            3
                                                             5
     On.board.Service Seat.Comfort Leg.Room.Service Cleanliness Food.and.Drink
## 1
                    3
                                  5
                                                    2
                    5
                                                    5
                                                                5
                                                                                3
## 2
                                  4
                                                    3
                                                                5
## 3
                    3
                                  5
                                                                                5
                                                    5
## 4
                    5
                                  5
                                                                4
                                                                                4
## 5
                                  4
                                                    4
                                                                5
                    3
                                                                                4
## 6
                    4
                                  4
                                                    4
                                                                                3
     In.flight.Service In.flight.Wifi.Service In.flight.Entertainment
## 2
                     5
                                              2
                                                                       5
## 3
                     3
                                              4
                                                                       3
                                              2
                                                                      5
## 4
                     5
## 5
                     3
                                              3
                                                                      3
## 6
                     4
                                              4
                                                                       4
##
                                  Satisfaction
     Baggage.Handling
                    5 Neutral or Dissatisfied
## 2
                                     Satisfied
                    5
## 3
                    3
                                     Satisfied
## 4
                    5
                                     Satisfied
## 5
                    3
                                     Satisfied
## 6
                    4
                                     Satisfied
# Conta il numero di clienti per ogni livello di soddisfazione
satisfaction_counts <- data %>%
  count(Satisfaction)
# Crea un grafico a barre
ggplot(satisfaction_counts, aes(x = Satisfaction, y = n, fill = Satisfaction)) +
  geom_bar(stat = "identity") +
  scale_fill_viridis_d() +
  labs(title = "Distribuzione della Soddisfazione dei Clienti",
       x = "Soddisfazione",
       y = "Numero di Clienti") +
  theme_minimal()
```









Soddisfazione per Classe di Volo

