

Deskriptivne info

Dominik Gračner

2024-12-16

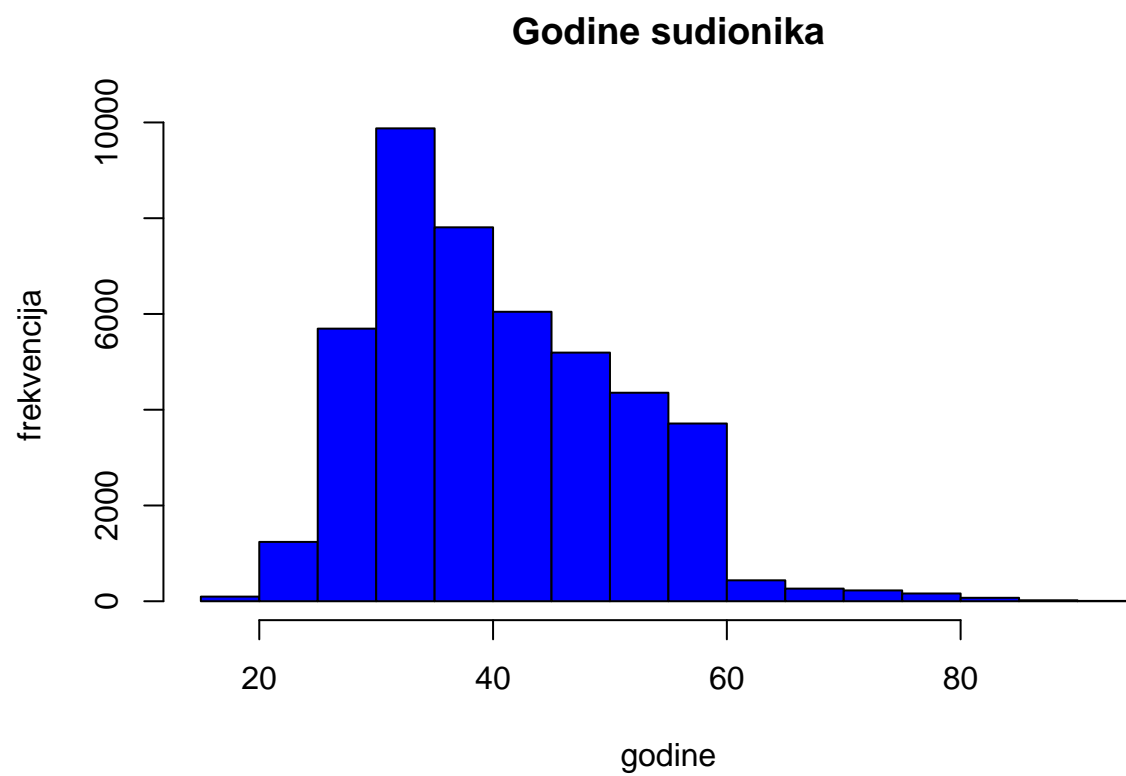
R Markdown

```
library(readr)
data <- read_csv("C:/Users/domin/Desktop/sap/data.csv")

## Rows: 45211 Columns: 17
## -- Column specification -----
## Delimiter: ","
## chr (10): job, marital_status, education, default, housing_loan, personal_lo...
## dbl (7): age, balance, last_contact_day, last_contact_duration, campaign_co...
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

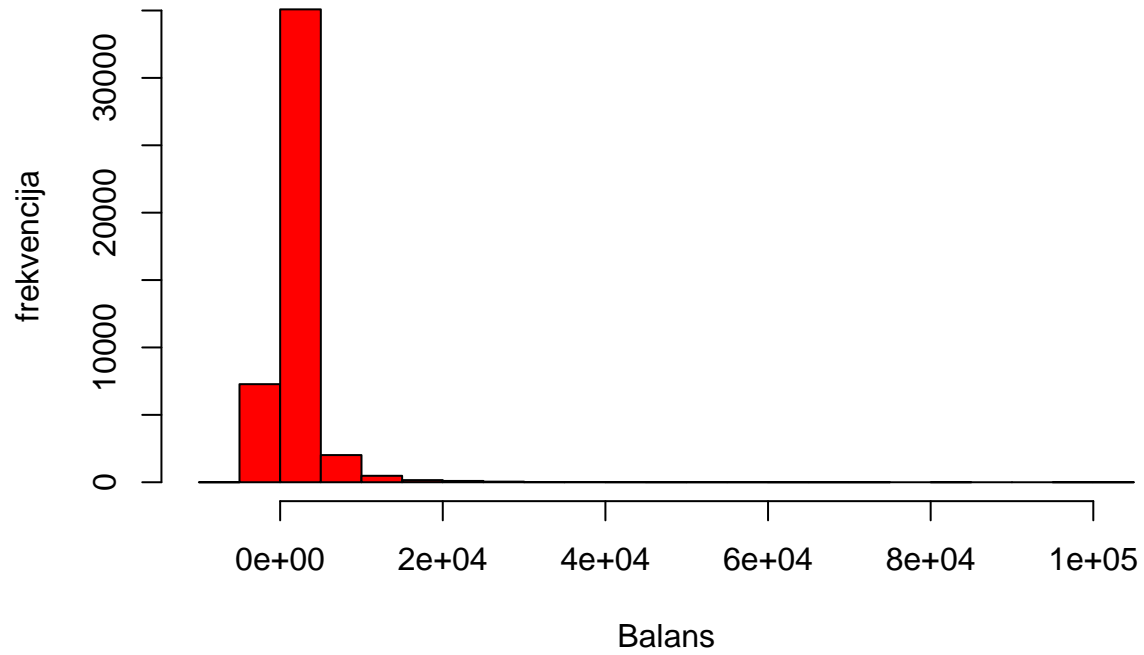
Grafički prikazi varijabli

```
h = hist(data$age,
  main="Godine sudionika",
  xlab="godine",
  ylab='frekvencija',
  col="blue"
)
```

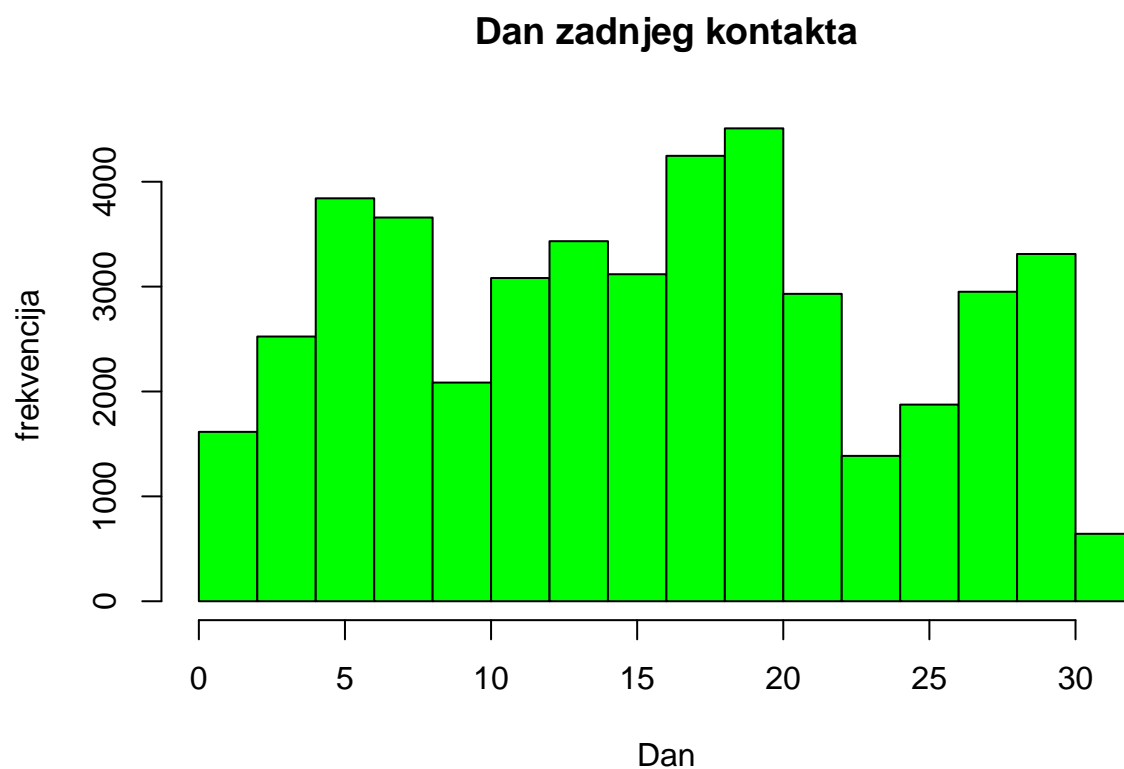


```
h = hist(data$balance,  
  main="Financijsko stanje sudionika",  
  xlab="Balans",  
  ylab='frekvencija',  
  col="red"  
)
```

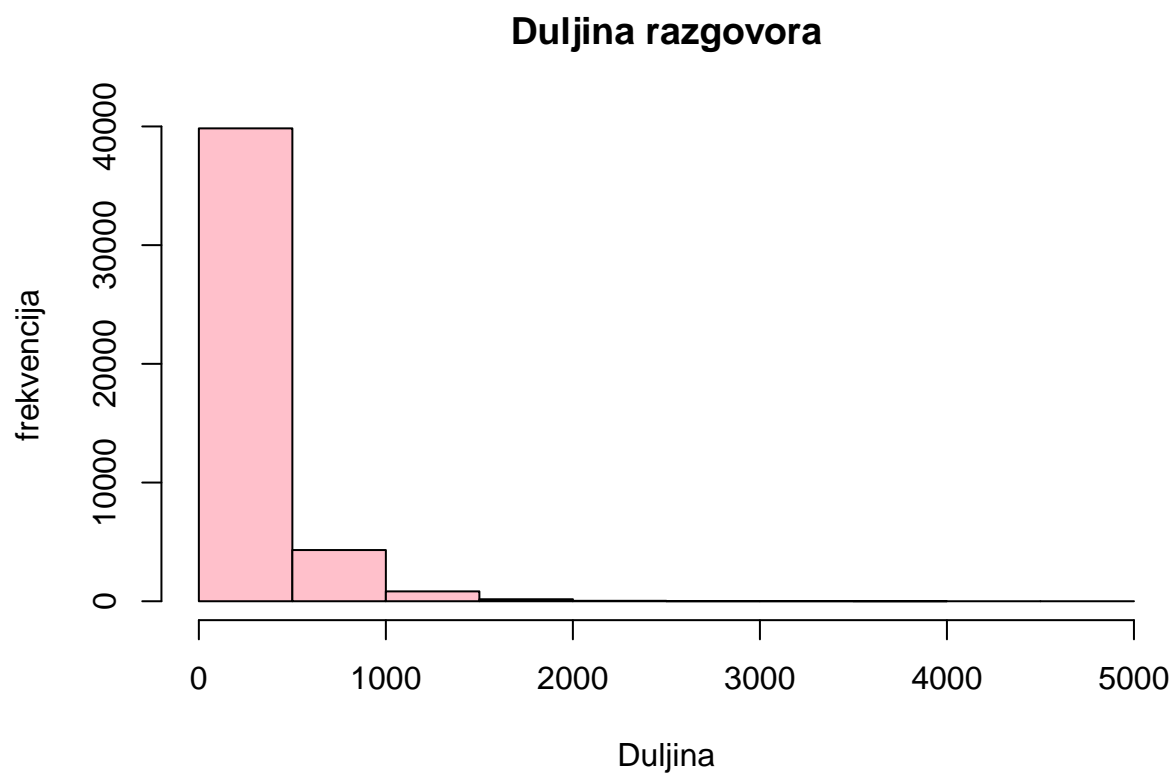
Financijsko stanje sudionika



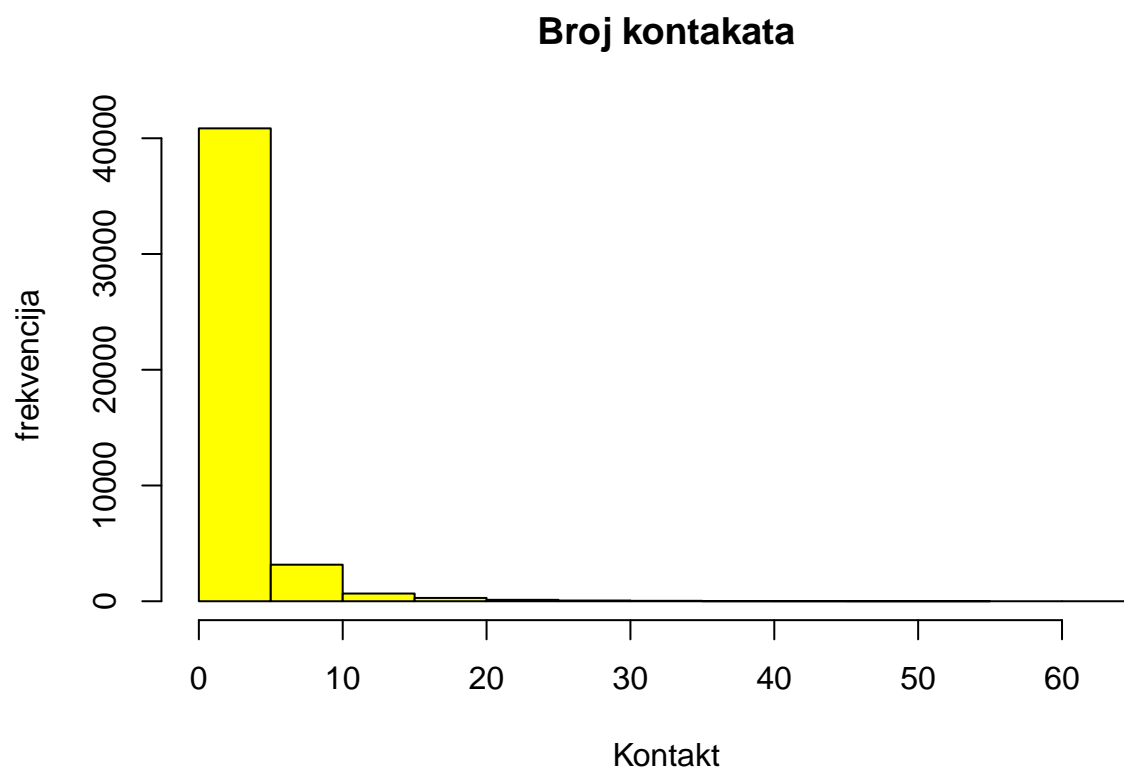
```
h = hist(data$last_contact_day,  
         main="Dan zadnjeg kontakta",  
         xlab="Dan",  
         ylab='frekvencija',  
         col="green"  
         )
```



```
h = hist(data$last_contact_duration,  
  main="Duljina razgovora",  
  xlab="Duljina",  
  ylab='frekvencija',  
  col="pink"  
)
```

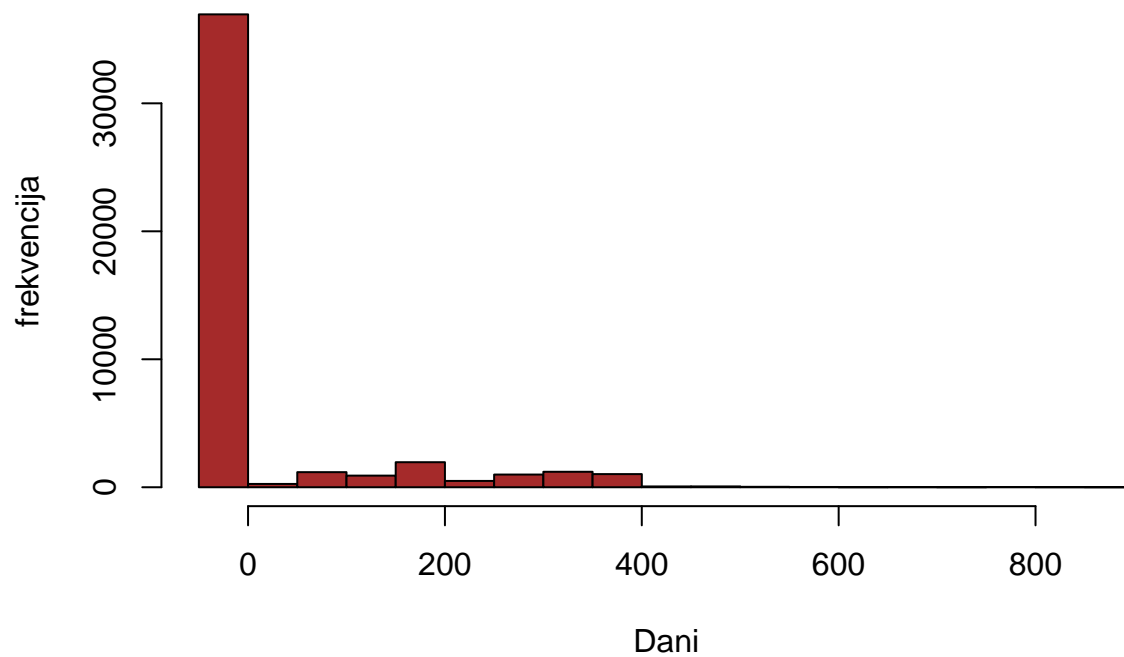


```
h = hist(data$campaign_contacts_count,  
         main="Broj kontakata",  
         xlab="Kontakt",  
         ylab='frekvencija',  
         col="yellow"  
         )
```



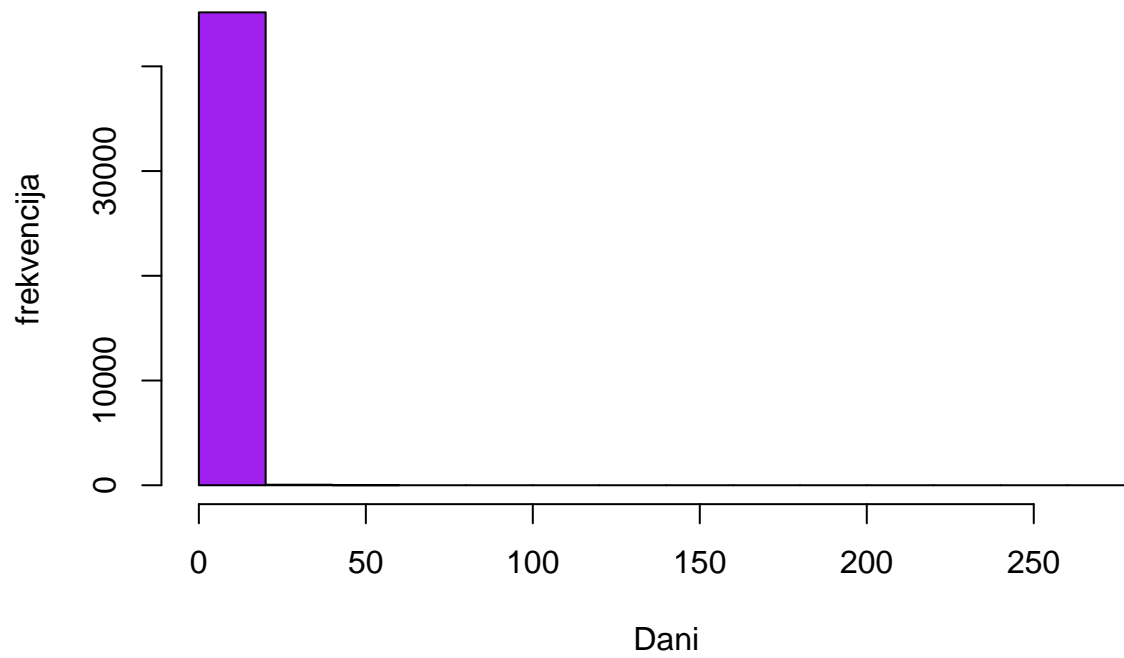
```
h = hist(data$days_from_previous_campaign_contact,  
  main="Vrijeme od prošlog kontakta",  
  xlab="Dani",  
  ylab='frekvencija',  
  col="brown"  
)
```

Vrijeme od prošlog kontakta



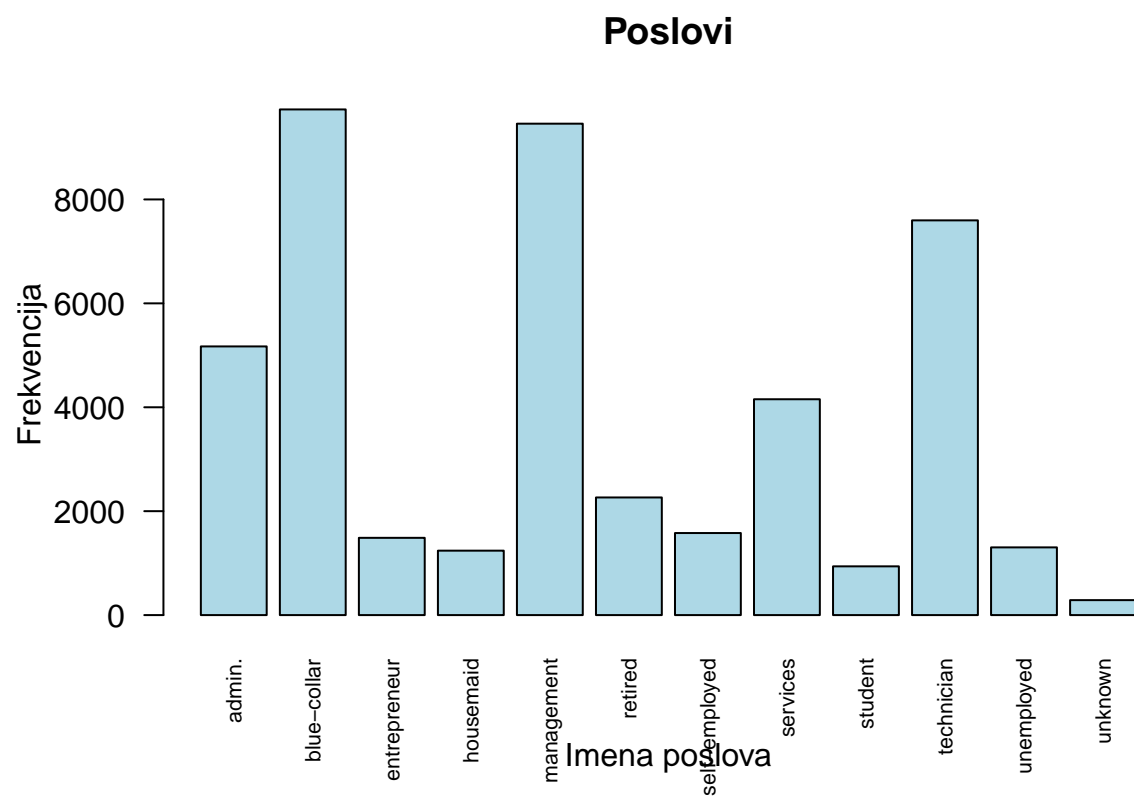
```
h = hist(data$previous_contacts_count,  
  main="Prijašnji kontakti",  
  xlab="Dani",  
  ylab='frekvencija',  
  col="purple"  
)
```

Prijašnji kontakti

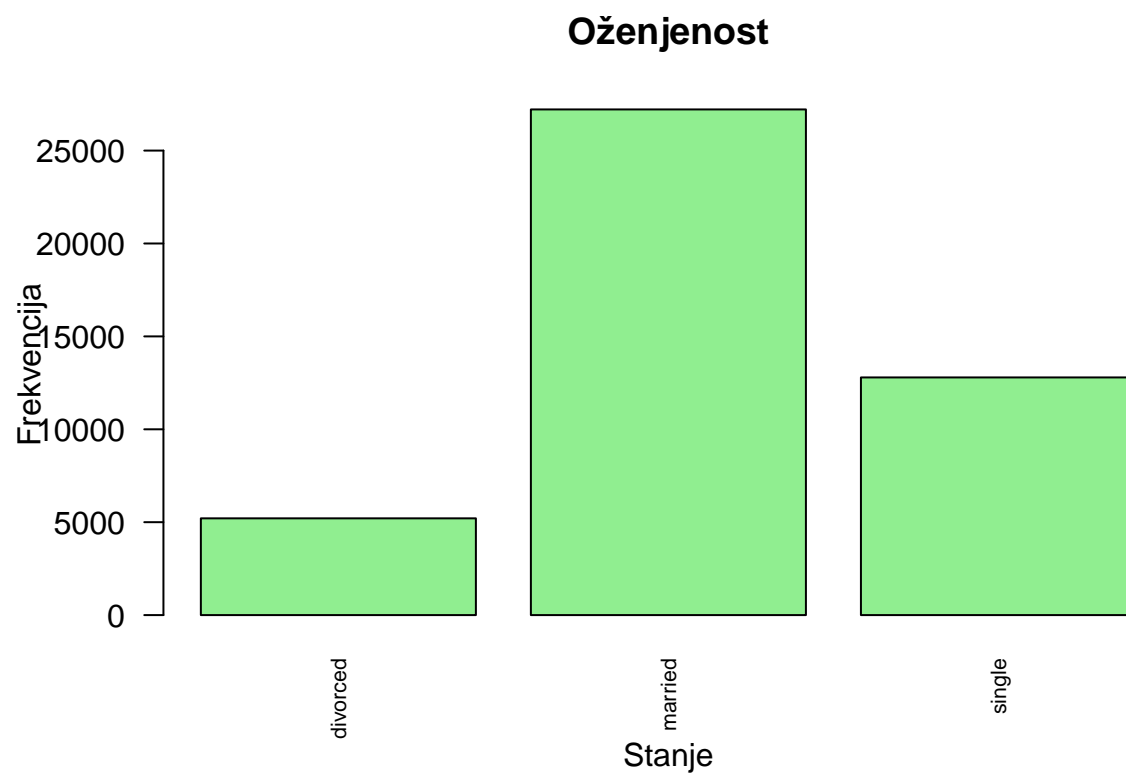


Kategorijski podaci

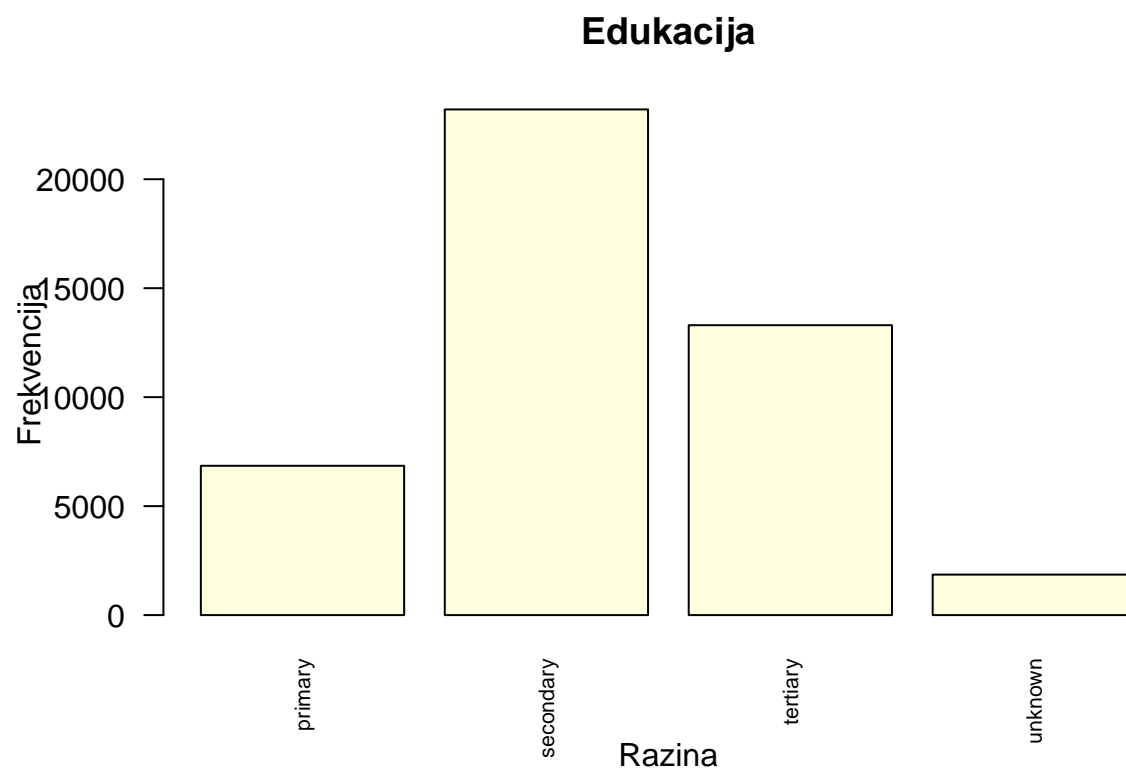
```
barplot(table(data$job),  
        main = "Poslovi",  
        col = "lightblue",  
        xlab = "Imena poslova",  
        ylab = "Frekvencija",  
        las = 2,  
        cex.names = 0.7)
```

```
barplot(table(data$marital_status),
  main = "Oženjenost",
  col = "lightgreen",
  xlab = "Stanje",
  ylab = "Frekvencija",
  las = 2,
  cex.names = 0.7)
```

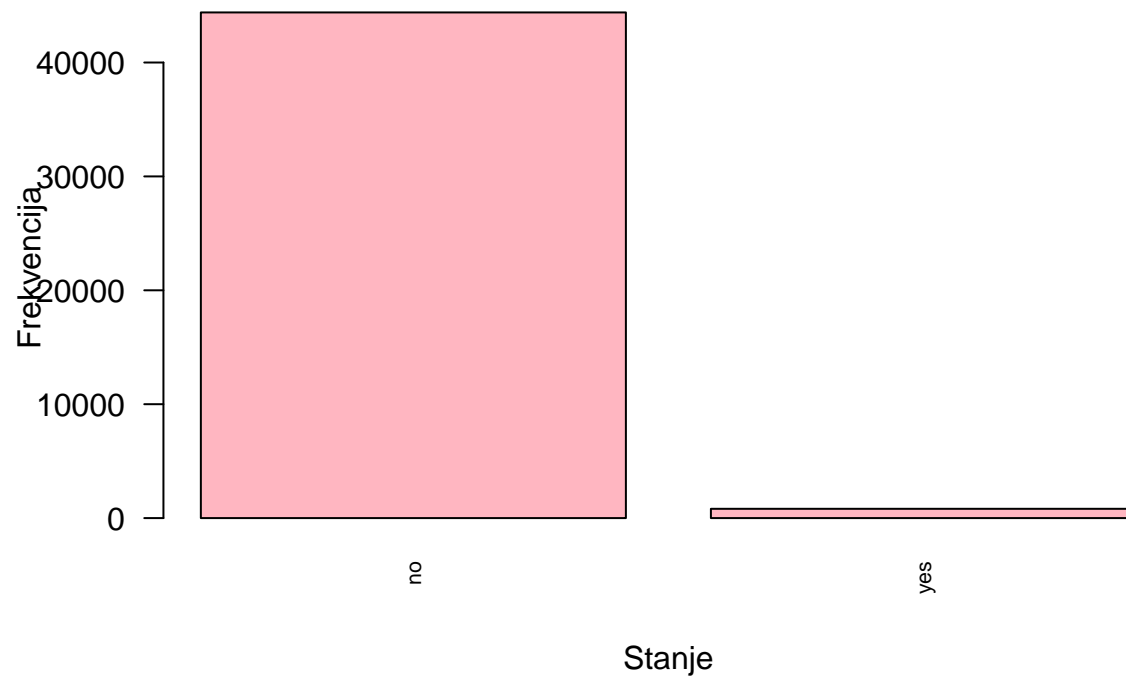


```
barplot(table(data$education),  
  main = "Edukacija",  
  col = "lightyellow",  
  xlab = "Razina",  
  ylab = "Frekvencija",  
  las = 2,  
  cex.names = 0.7)
```



```
barplot(table(data$default),  
  main = "Dugovi??",  
  col = "lightpink",  
  xlab = "Stanje",  
  ylab = "Frekvencija",  
  las = 2,  
  cex.names = 0.7)
```

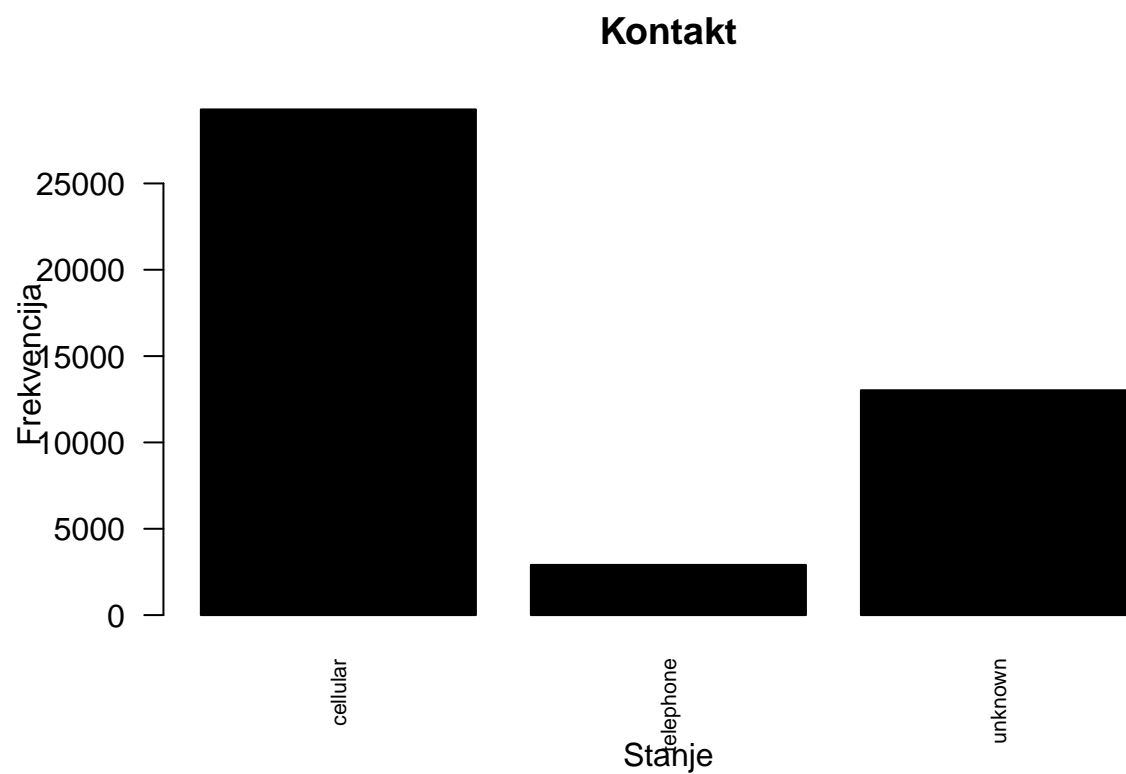
Dugovi??



```
barplot(table(data$housing_loan),  
        main = "Loan",  
        col = "orange",  
        xlab = "Ima loan",  
        ylab = "Frekvencija",  
        las = 2,  
        cex.names = 0.7)
```

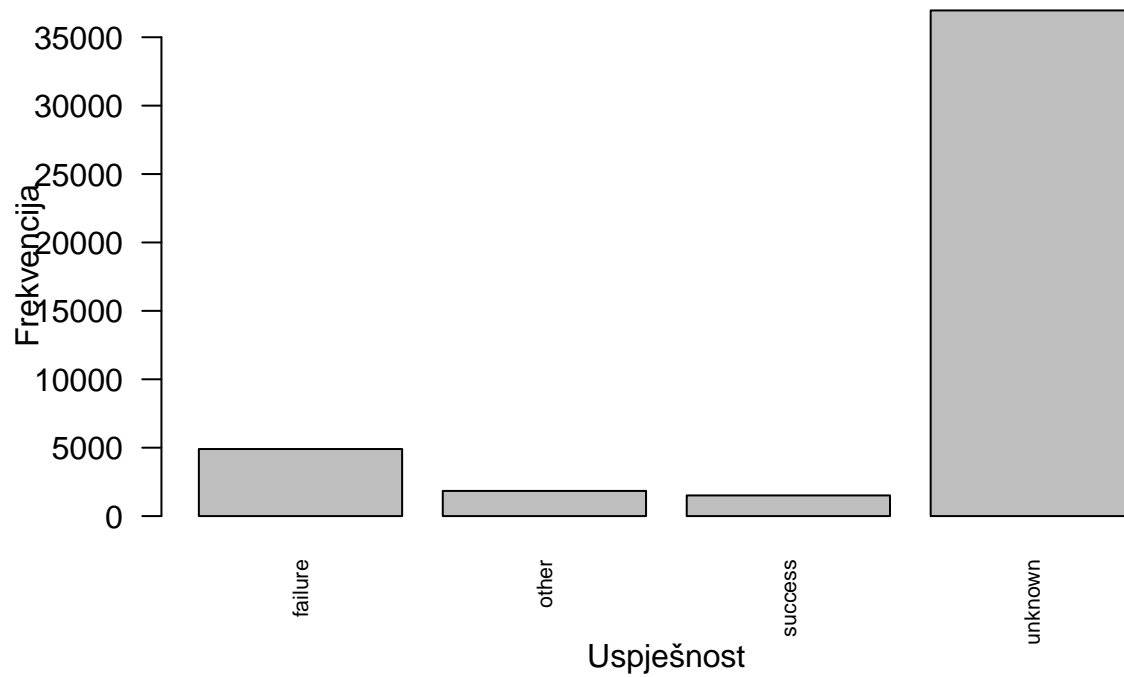


```
barplot(table(data$contact),  
  main = "Kontakt",  
  col = "black",  
  xlab = "Stanje",  
  ylab = "Frekvencija",  
  las = 2,  
  cex.names = 0.7)
```



```
barplot(table(data$previous_campaign_outcome),  
  main = "Zaključak prošle kampanje",  
  col = "grey",  
  xlab = "Uspješnost",  
  ylab = "Frekvencija",  
  las = 2,  
  cex.names = 0.7)
```

Zaključak prošle kampanje



```
barplot(table(data$term_deposit_accepted),  
        main = "Term deposit accepted",  
        col = "blue",  
        xlab = "Stanje",  
        ylab = "Frekvencija",  
        las = 2,  
        cex.names = 0.7)
```

