

Exploratory data analysis

Visualising categorical data

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Customizing bar plots

Plot

Code

```
ggplot(loans, aes(y = homeownership,  
                  fill = grade)) +  
  geom_bar(position = "fill") +  
  labs(  
    x = "Proportion",  
    y = "Homeownership",  
    fill = "Grade",  
    title = "Grades of Lending Club loans",  
    subtitle = "and homeownership of lendeer"  
  )
```

Segmented bar plot

Plot

Code

```
ggplot(loans, aes(y = homeownership,  
                  fill = grade)) +  
geom_bar(position = "dodge") +  
labs(  
  x = "Proportion",  
  y = "Homeownership",  
  fill = "Grade",  
  title = "Grades of Lending Club loans",  
  subtitle = "and homeownership of lendeer"  
)
```