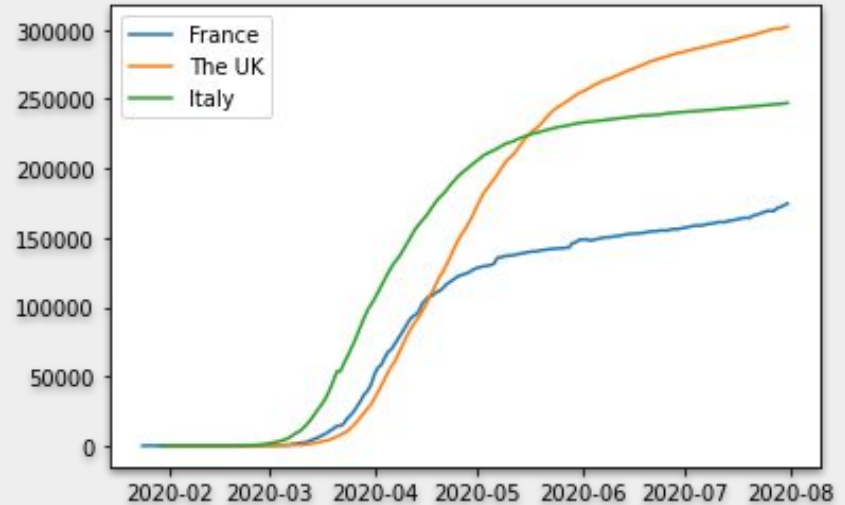
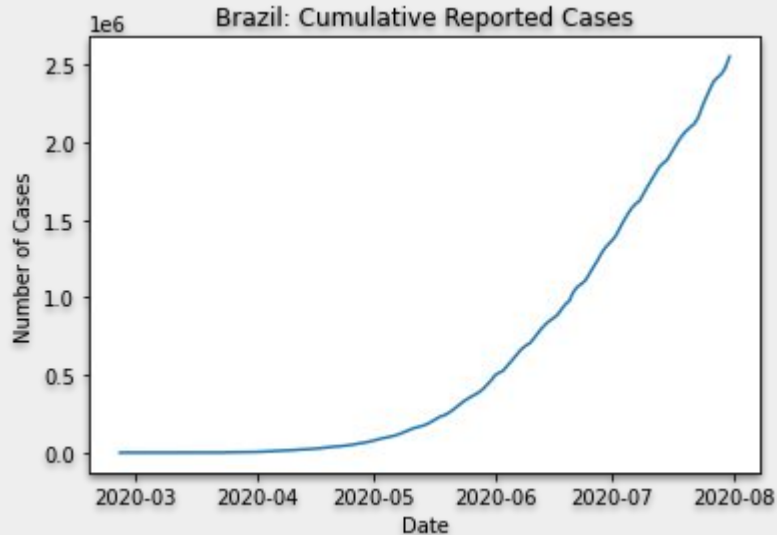


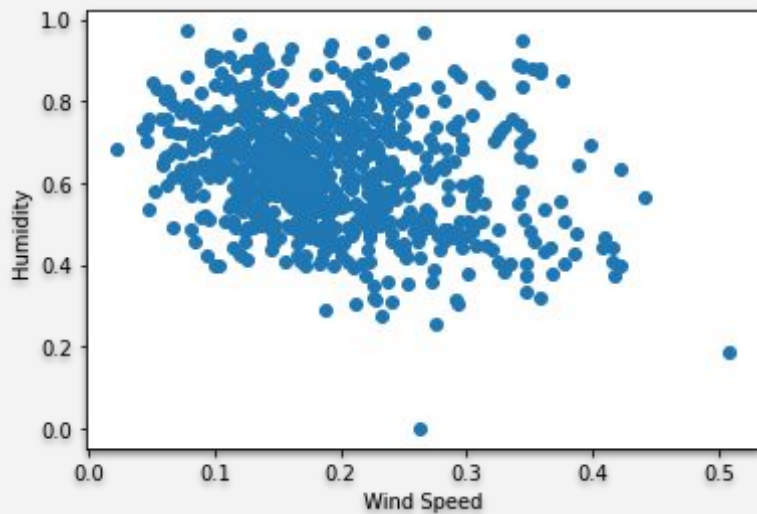
# Visualização de Dados

Real Python

# Gráficos de linha e séries temporais

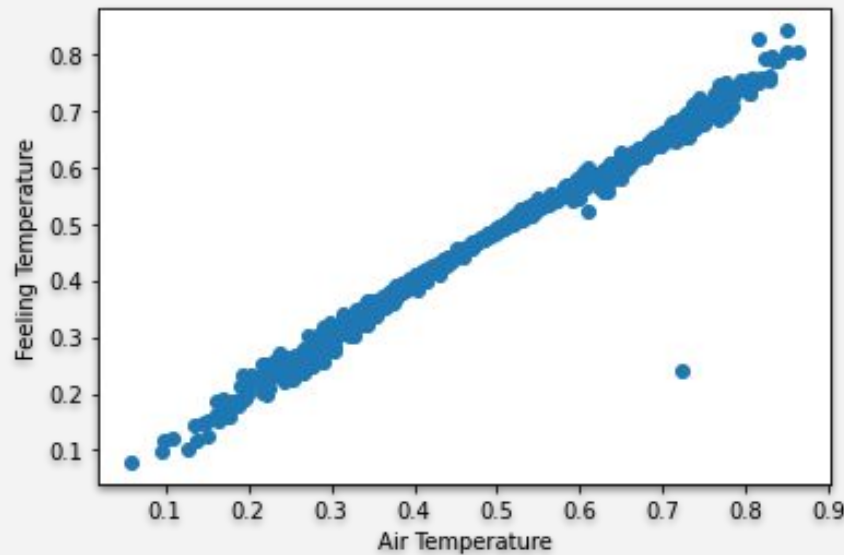
Estudo de caso covid19





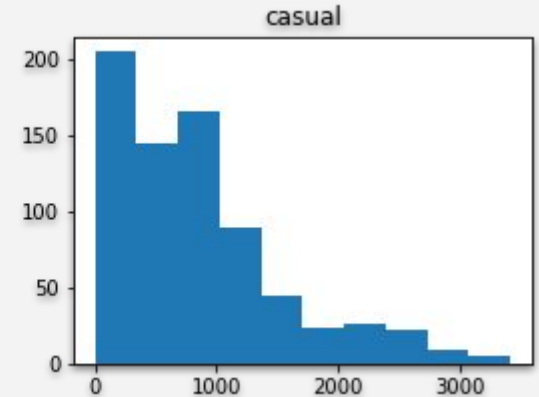
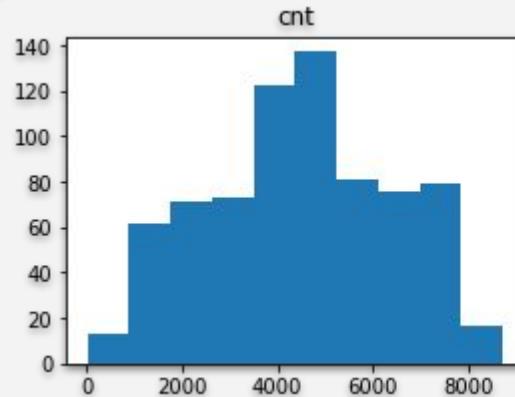
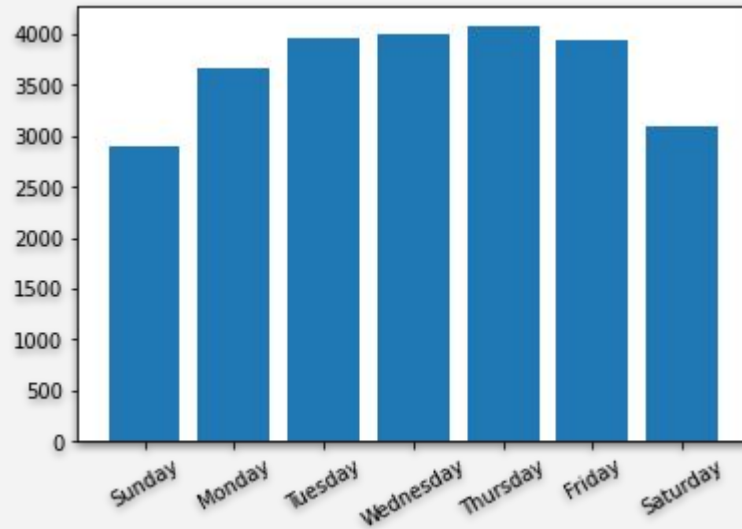
## Gráficos de dispersão e correlação

Estudo de caso  
compartilhamento de bicicletas



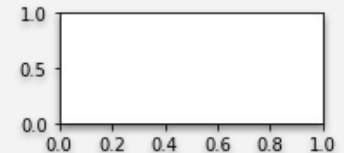
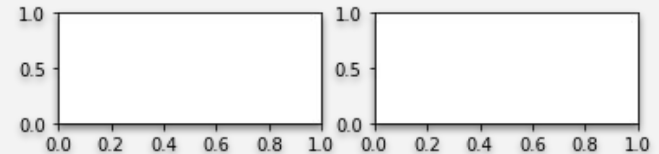
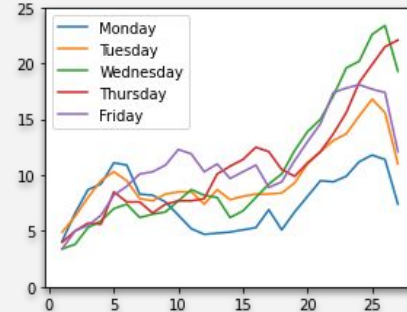
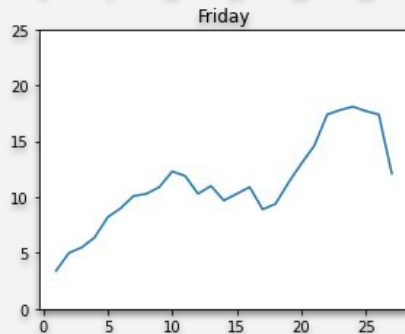
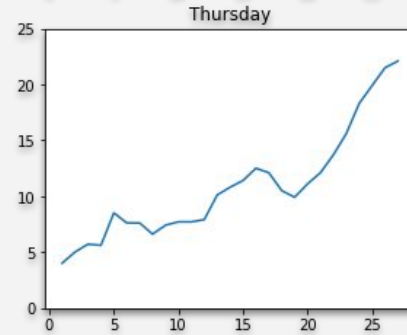
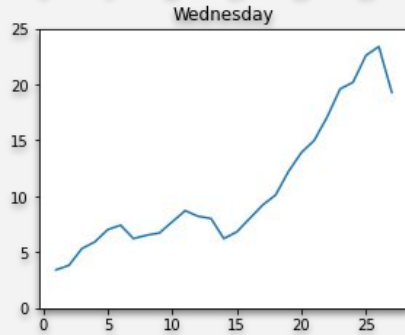
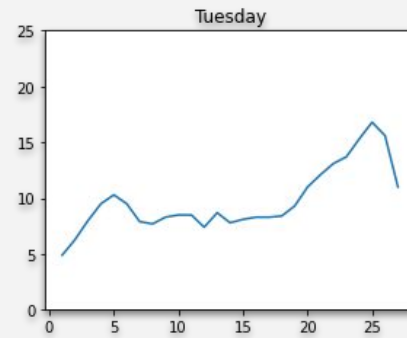
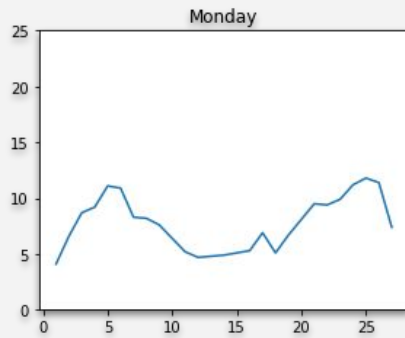
# Gráficos de barra e histograma

Estudo de caso  
compartilhamento de bicicletas



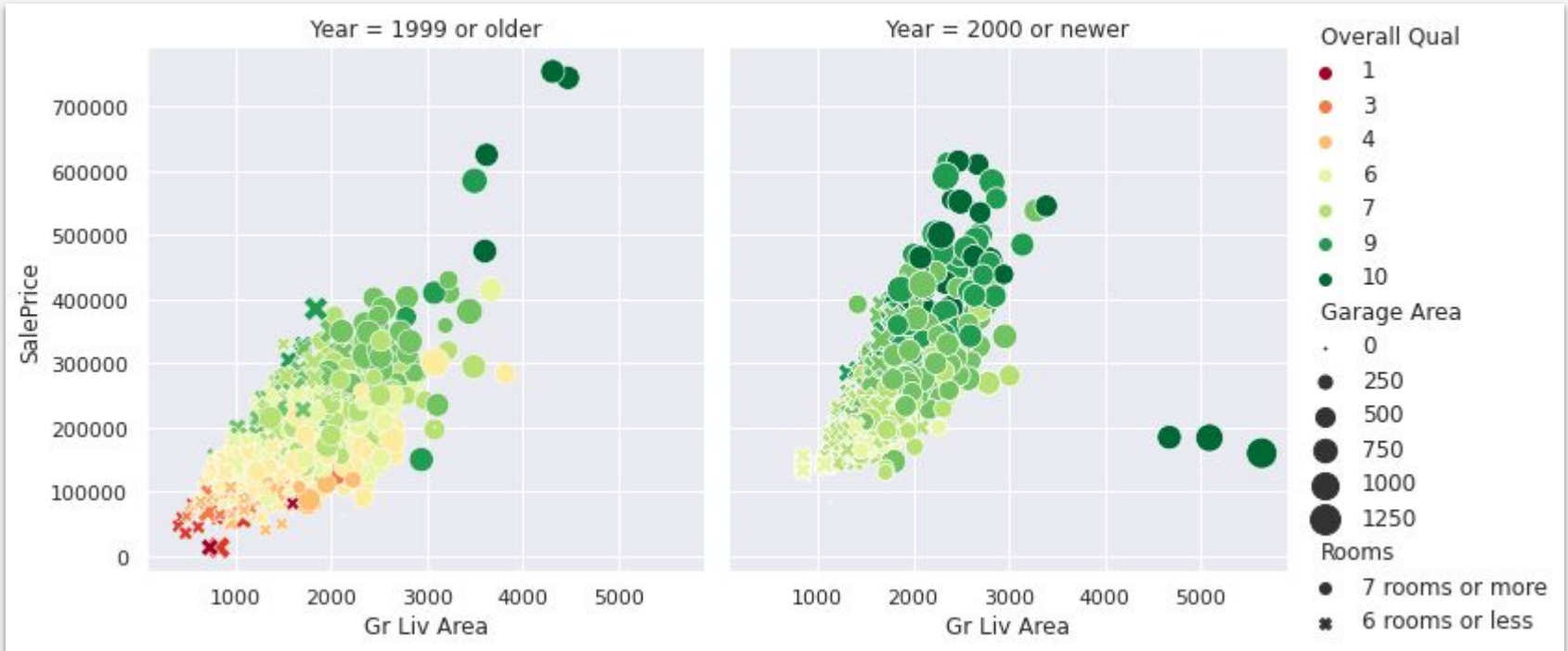
# Visualização com Pandas e Gráficos em Malha

Estudo de caso  
tráfego em SP

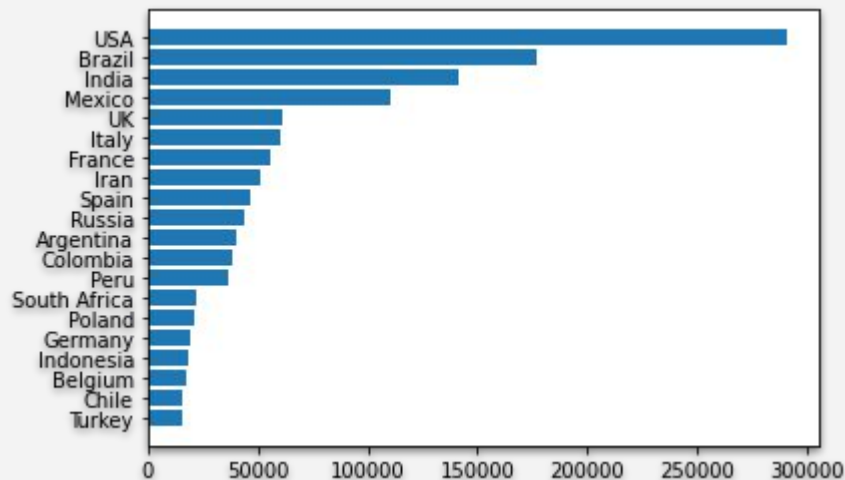


# Gráficos relacionais e de múltiplas variáveis

Estudo de caso setor imobiliário

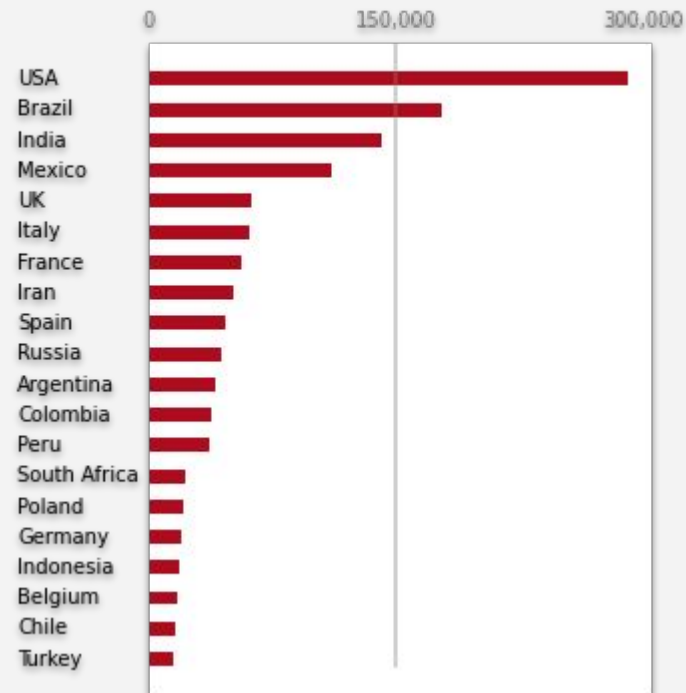


**Remove**  
to improve  
(the **data-ink** ratio)



## The Death Toll Worldwide Is 1.5M+

Top 20 countries by death toll (December 2020)

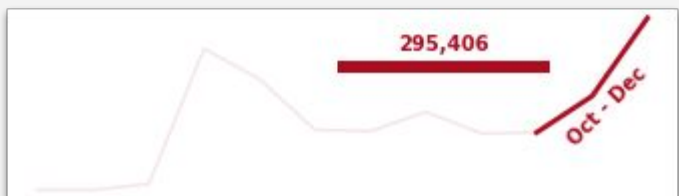
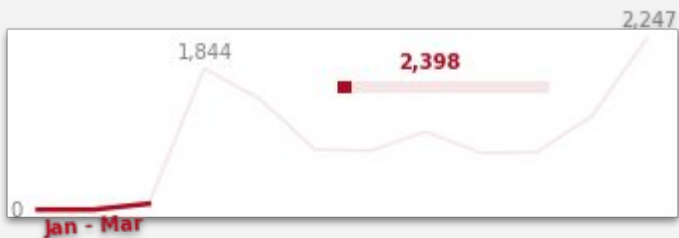


# Princípios de Design

Estudo de caso  
covid-19



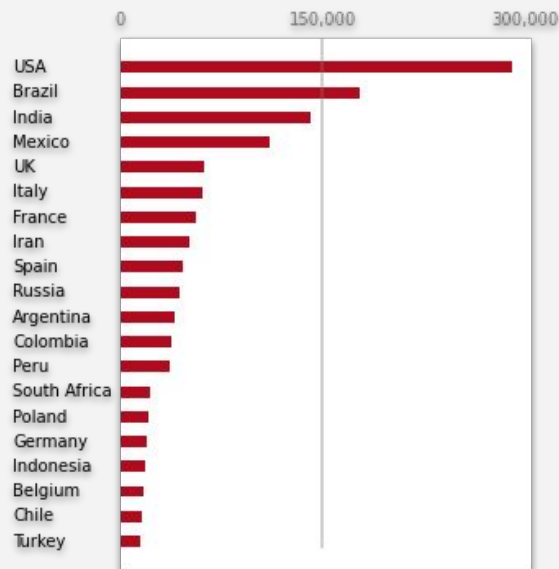
**The virus kills 851 people each day**  
Average number of daily deaths per month in the US



# Contando uma história

Estudo de caso  
covid-19

**The Death Toll Worldwide Is 1.5M+**  
Top 20 countries by death toll (December 2020)



# Wine Quality Most Strongly Correlated With Alcohol Level

Correlation values between wine quality and wine properties (alcohol, pH, etc.)

