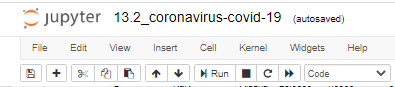
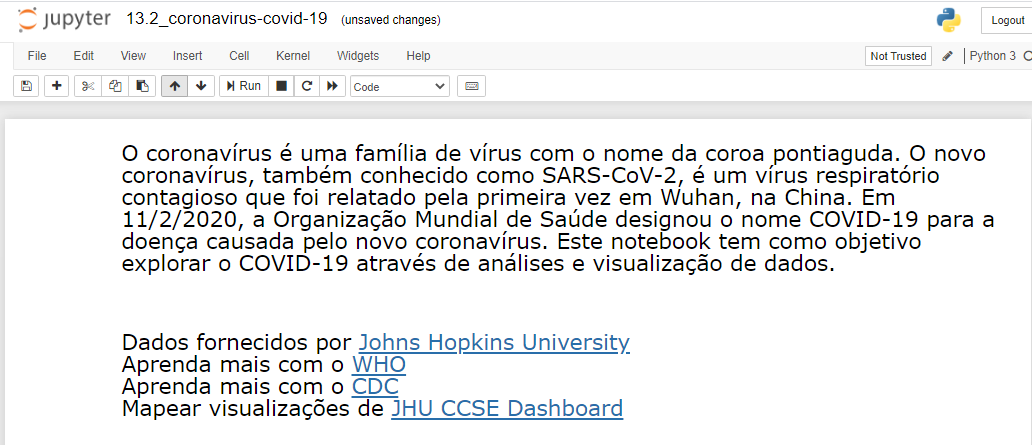
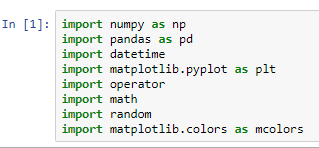
11-07-2020



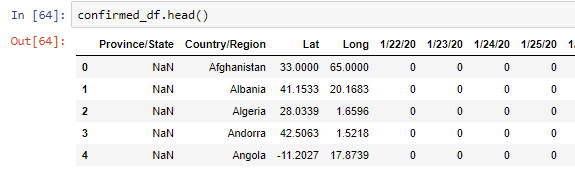


Importar as bibliotecas

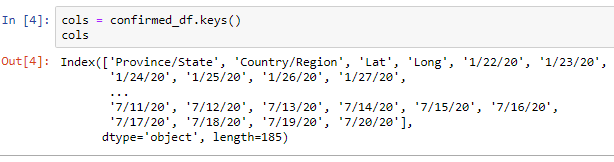


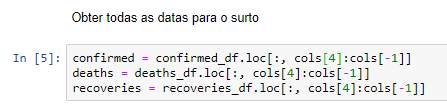


Listar o head confirmed\_df



colunas





dates = confirmed.keys()

world\_cases = []

total\_deaths = []

mortality\_rate = []

recovery\_rate = []

total\_recovered = []

total\_active = []

china\_cases = []

italy\_cases = []

us\_cases = []

spain\_cases = []

france\_cases = []

germany\_cases = []

uk\_cases = []

russia\_cases = []

brazil\_cases = []

china\_deaths = []

italy\_deaths = []

us\_deaths = []

spain\_deaths = []

france\_deaths = []

germany\_deaths = []

uk\_deaths = []

russia\_deaths = []

brazil\_deaths = []

china\_recoveries = []

italy\_recoveries = []

us\_recoveries = []

spain\_recoveries = []

france\_recoveries = []

germany\_recoveries = []

uk\_recoveries = []

russia\_recoveries = []

brazil\_recoveries = []

for i in dates:

confirmed\_sum = confirmed[i].sum()

death\_sum = deaths[i].sum()

recovered\_sum = recoveries[i].sum()

# confirmadas, mortes, recuperadas e ativas

world\_cases.append(confirmed\_sum)

total\_deaths.append(death\_sum)

total\_recovered.append(recovered\_sum)

total\_active.append(confirmed\_sum-death\_sum-recovered\_sum)

# calcular taxas

mortality\_rate.append(death\_sum/confirmed\_sum)

recovery\_rate.append(recovered\_sum/confirmed\_sum)

# estudos de caso

china\_cases.append(confirmed\_df[confirmed\_df['Country/Region']=='China'][i].sum())

italy\_cases.append(confirmed\_df[confirmed\_df['Country/Region']=='Italy'][i].sum())

us\_cases.append(confirmed\_df[confirmed\_df['Country/Region']=='US'][i].sum())

spain\_cases.append(confirmed\_df[confirmed\_df['Country/Region']=='Spain'][i].sum())

france\_cases.append(confirmed\_df[confirmed\_df['Country/Region']=='France'][i].sum())

germany\_cases.append(confirmed\_df[confirmed\_df['Country/Region']=='Germany'][i].sum())

uk\_cases.append(confirmed\_df[confirmed\_df['Country/Region']=='United Kingdom'][i].sum())

russia\_cases.append(confirmed\_df[confirmed\_df['Country/Region']=='Russia'][i].sum())

brazil\_cases.append(confirmed\_df[confirmed\_df['Country/Region']=='Brazil'][i].sum())

china\_deaths.append(deaths\_df[deaths\_df['Country/Region']=='China'][i].sum())

italy\_deaths.append(deaths\_df[deaths\_df['Country/Region']=='Italy'][i].sum())

us\_deaths.append(deaths\_df[deaths\_df['Country/Region']=='US'][i].sum())

spain\_deaths.append(deaths\_df[deaths\_df['Country/Region']=='Spain'][i].sum())

france\_deaths.append(deaths\_df[deaths\_df['Country/Region']=='France'][i].sum())

germany\_deaths.append(deaths\_df[deaths\_df['Country/Region']=='Germany'][i].sum())

uk\_deaths.append(deaths\_df[deaths\_df['Country/Region']=='United Kingdom'][i].sum())

russia\_deaths.append(deaths\_df[deaths\_df['Country/Region']=='Russia'][i].sum())

brazil\_deaths.append(deaths\_df[deaths\_df['Country/Region']=='Brazil'][i].sum())

china\_recoveries.append(recoveries\_df[recoveries\_df['Country/Region']=='China'][i].sum())

italy\_recoveries.append(recoveries\_df[recoveries\_df['Country/Region']=='Italy'][i].sum())

us\_recoveries.append(recoveries\_df[recoveries\_df['Country/Region']=='US'][i].sum())

spain\_recoveries.append(recoveries\_df[recoveries\_df['Country/Region']=='Spain'][i].sum())

france\_recoveries.append(recoveries\_df[recoveries\_df['Country/Region']=='France'][i].sum())

germany\_recoveries.append(recoveries\_df[recoveries\_df['Country/Region']=='Germany'][i].sum())

uk\_recoveries.append(recoveries\_df[recoveries\_df['Country/Region']=='United Kingdom'][i].sum())

russia\_recoveries.append(recoveries\_df[recoveries\_df['Country/Region']=='Russia'][i].sum())

brazil\_recoveries.append(recoveries\_df[recoveries\_df['Country/Region']=='Brazil'][i].sum())

