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Link para download do arquivo: <https://www.kaggle.com/datasets/kvnxls/co2-emissions-dataset-1750-2020?resource=download>

Soma md5

```
kayle@DESKTOP-09JMA4C MINGW64 ~/OneDrive/Area de Trabalho/Persistencia/Lista02/A
tividade03 (main)
$ ls -l *.csv
-rw-r--r-- 1 kayle 197609 5481355 Aug 28 08:14 owid-co2-data.csv

kayle@DESKTOP-09JMA4C MINGW64 ~/OneDrive/Area de Trabalho/Persistencia/Lista02/A
tividade03 (main)
$ md5sum *.csv > auxi.csv
.

kayle@DESKTOP-09JMA4C MINGW64 ~/OneDrive/Area de Trabalho/Persistencia/Lista02/A
tividade03 (main)
$ cat auxi.csv
69c470db7034158d0c1c4146c7e13198 *owid-co2-data.csv

kayle@DESKTOP-09JMA4C MINGW64 ~/OneDrive/Area de Trabalho/Persistencia/Lista02/A
tividade03 (main)
$ md5sum -c auxi.csv
owid-co2-data.csv: OK
```

Soma Sha1

```
kayle@DESKTOP-09JMA4C MINGW64 ~/OneDrive/Area de Trabalho/Persistencia/Lista02/A
tividade03 (main)
$ sha1sum owid-co2-data.csv > sha1.csv

kayle@DESKTOP-09JMA4C MINGW64 ~/OneDrive/Area de Trabalho/Persistencia/Lista02/A
tividade03 (main)
$ cat sha1.csv
7902a76c0038e7794996449c3269b380fcb9fa4e *owid-co2-data.csv

kayle@DESKTOP-09JMA4C MINGW64 ~/OneDrive/Area de Trabalho/Persistencia/Lista02/A
tividade03 (main)
$ sha1sum -c sha1.csv
owid-co2-data.csv: OK
```

ZIP E TIME

```

tividade03 (main)
$ time zip teste.zip owid-co2-data.csv
bash: zip: command not found

real    0m0.110s
user    0m0.015s
sys     0m0.015s

kayle@DESKTOP-09JMA4C MINGW64 ~/OneDrive/Area de Trabalho/Persistencia/Lista02/A
tividade03 (main)
$ zip teste1.zip owid-co2-data.csv
bash: zip: command not found

kayle@DESKTOP-09JMA4C MINGW64 ~/OneDrive/Area de Trabalho/Persistencia/Lista02/A
tividade03 (main)
$ time zip teste1.zip owid-co2-data.csv
bash: zip: command not found

real    0m0.023s
user    0m0.000s
sys     0m0.015s

```

GZIP E TIME

```

kayle@DESKTOP-09JMA4C MINGW64 ~/OneDrive/Area de Trabalho/Persistencia/Lista02/A
tividade03 (main)
$ time gzip owid-co2-data.csv

real    0m0.769s
user    0m0.640s
sys     0m0.015s

```

RAR E TIME

```

kayle@DESKTOP-09JMA4C MINGW64 ~/OneDrive/Area de Trabalho/Persistencia/Lista02/A
tividade03 (main)
$ rar a novorar.rar owid-co2-data.csv
bash: rar: command not found

```

Tamanho dos arquivos criados

```

kayle@DESKTOP-09JMA4C MINGW64 ~/OneDrive/Area de Trabalho/Persistencia/Lista02/A
tividade03 (main)
$ ls -lah owid-co2-data.csv.gz
-rw-r--r-- 1 kayle 197609 1.8M Aug 28 08:14 owid-co2-data.csv.gz

```