- It is a python liberey need for wiseling with data sets.
- It have funtions for analyzing, cleaning, emplosing and manipulating date.

Pandas - Panel Data" 4 " Python Data Analysy.

of of gives arewers about the date. like.

- \* Mon Value 9
- so Min Value 9.
- \* Avg value?
- \* Je mere a correlation b/w 2 or une columns?

-> mean (): Calculate the mean of a series a Data France. 8fd (): Cartendate the standard deviations of a searies a DataFrome.

desvile a: Calentate surracy statisties for a scates Date France.

plots): Plot a sociel or Pati France.

## 1. Read Data

df = pd. sead\_csv ("heart-faither.cev")

2. Head G Tail.

df. head() <sup>ey</sup> df. tail.

3. Shape, Eize and Info

df. shaper total no. of some ey then columns.

df. 8: 3ec - setwars the number of some times

mubes of columns is the data frame.

df. info et - jufnetn such as some from
Ronge Inden, Dala whemme and
from date type of early when.

\* Posseribe

df. describe (). -> it will give you count, mean, our deviation 4 also 5 mulses summery.

so Nurique.

df. nunique ().

It will give all he unque values

a vaesable contains.

to Value courts.

df. anaemia. value-counts ().

Verge. tython type Pandae dtype - Intomined Str ormind Object vales: integer musices int6q Hut - Flooding potntombus float floort 64 Jens/ False value. 606 bool

pour los and of whent the

Pardo de brahami