

import pandas as pd

up = file-upload()

"This process is for
Google Cobb"

```
print(df)
```

→ mydata = {'name': ['c', 'b', 'c'], 'age': [9.5, 8.7, 9.2],
key-value 'year': [2, 3, 3]}

```
df2 = pd.DataFrame(mydata) # Dictionary to Dataframe
```

Make sure to check no. of columns & rows

* `print (df.iloc[0:2])`
↓
rows 0 to n-1

`print (df.loc[0:2])`
↓
rows 0 to n

for df2: we ranges in loc (index)

iloc: `df2.iloc[0:2]` → works

loc: `df2.loc['n': 'z']` → n, y, z

* `df.head()` → by default receives 1st 5 rows

`df.head(9)` → retrieve 1st 9 rows

`df.tail()` → from last rows (last 5 rows)

`df.tail(n)` → last n rows

`df.describe()` → stats // only for numeric columns

`df.memory_usage()` or `df.memory_usage(deep=True)`

`df2.value_counts(['year'])` // value - instance

`df.sort_values(by='columnname')`

`df.fillna(0)` // fill NaN → '0'
n

`df.fillna(0)` // fill NaN $\rightarrow 0$
or

`df.fillna(0, inplace=True)`
↓ ↗ changes original object or not.

w/o this only temp obj or create new
var

"inplace" -> also for sort-values()

function : remove_duplicates ???

convert to numpy array

`temp1 = df.to_numpy()`