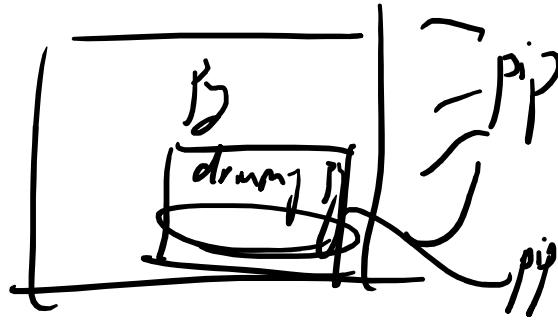


=> Virtual Env



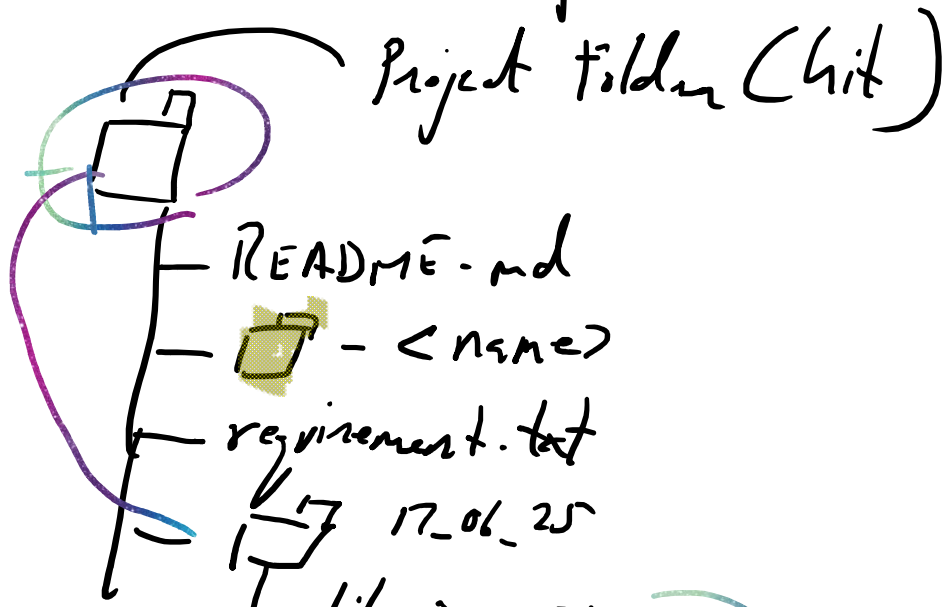
=> `py -m venv <name>`

=> `<name> \Scripts \activate`

=> Make new file in directory  
`requirements.txt`

=> Install `"pip install -r req.txt"`

=> Folder Structure for Venv



11-06-20  
[ titanic.csv  
notebook.ipynb ]

=> Pandas = DataFrame - Multi-dimensional data

---

=> Feature Engineering (Analytics Pre-processing)

-> Imputation

↳ Replacement of missing values ( $\phi$ )  
(Mean, Median, Freq)

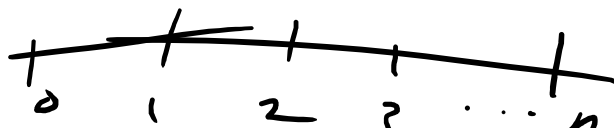
-> Label Encoding

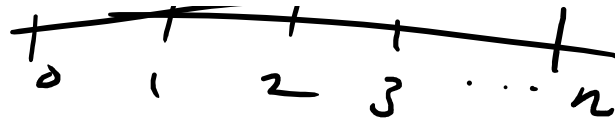
-> Categorical Variable : Character related data (text)

You can't use that in model

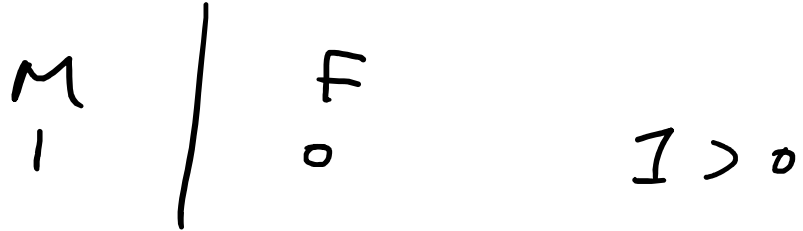
You have to convert it in numerical value

=> Ordinal Scale :





$\Rightarrow$  Scalars:



$\Rightarrow$  Occurrence      Male      Female  
 Barred      T      F  
 Encoding for characters      F      T  
 [ One-Hot Encoding ]