

PANDAS THE ENGINE OF PYTHON DATA ANALYSIS



EXPLORATORY ANALYSIS OF HONEYPOT ATTACK DATA



COMMANDS THAT MATTER

STARTING WITH MESSY DATA

Reading the data from Zip file

Cleaning the data and filling Null values

Writing the new data to file

Starting the Analysis

INGEST / CLEAN

PD.READ_CSV()

DF.FILLNA()

DF.DROP()

DF.DROPNA()

PD.DATAFRAME(DICT)

**PS: COMMANDS SHOWN HERE HAVE TO BE
LOWERCASE. IT IS UPPERCASE FOR LEGIBILITY**

EXPLORATORY COMMANDS

DF.DESCRIBE()

DF.INFO()

DF.ILOC / DF.LOC

DF.HEAD/ TAIL

DF.COL.UNIQUE

DF.MEAN/MAX/MIN

APPLY

GROUPBY

RESET_INDEX

INPLACE=TRUE

DF.SORT_VALUES

DF.STACK/UNSTACK

PD.MERGE/JOIN/CONCAT

PD.PIVOT/PIVOT_TABLE

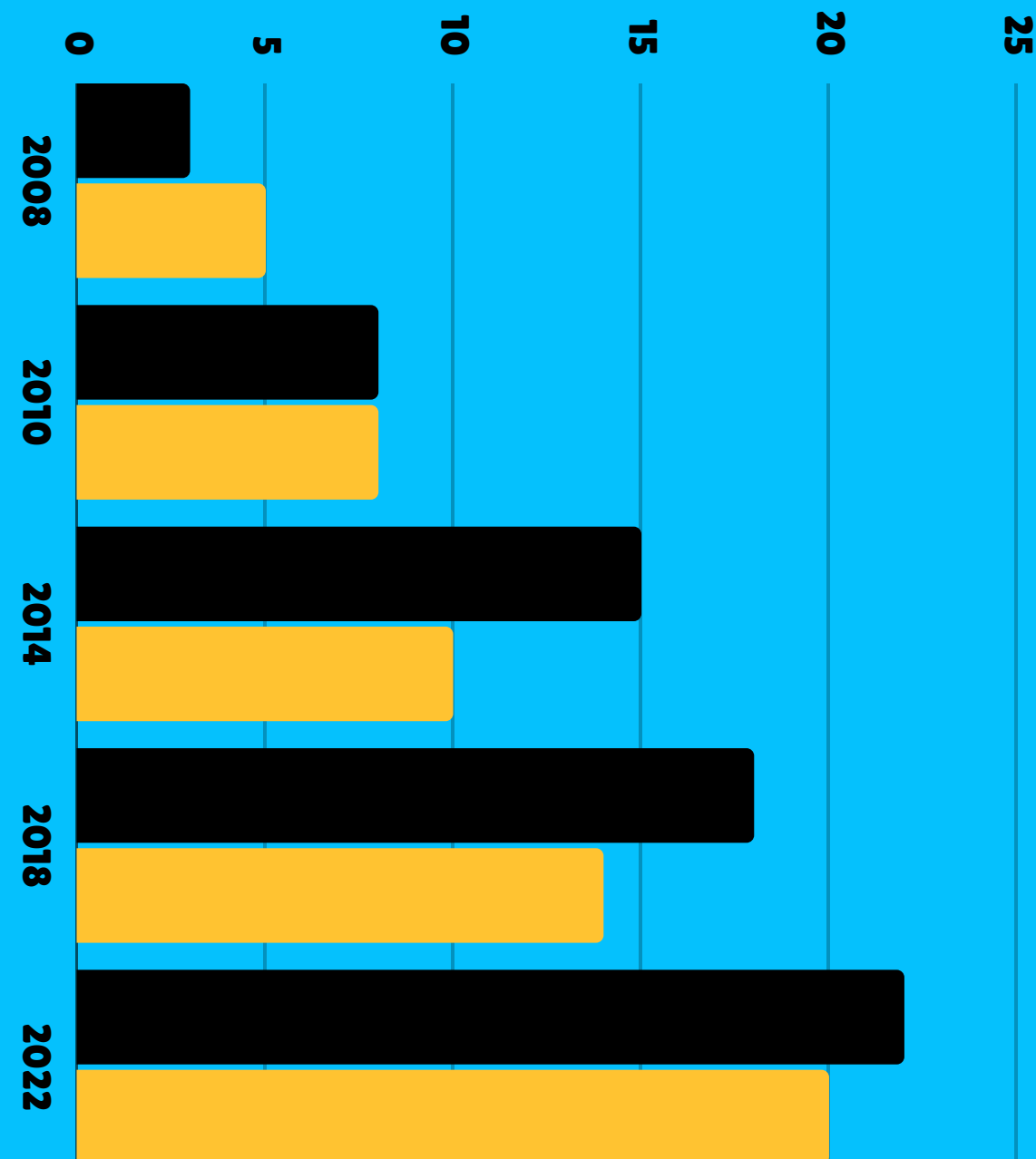
PD.DATE_RANGE

PD.RESAMPLING

HEAD TO JUPYTER

**QUESTIONS AND
COMMENTS**

WHAT NEXT ???



**DATAFRAMES TO
DATA VISUALS**

STARRING STREAMLIT

<https://kamalabot-streamlit-deploys-experiment-1dashboard-ver00-p7orli.streamlit.app/>