

## How to Run

- In the .zip file 4 scripts are attached, data\_check.py, find\_whois.py, top10\_ases.py, and script.sh
- in order to run the files, just run one **script.sh** file and please make sure you are running it in ubuntu os.
- to run script.sh file type -
  - ```
./script.sh
```
- if the above command does not work or it says permission denied then try running the script as follows
  - ```
chmod u+x script.sh
```
  - ```
./script.sh
```
- running the above script.sh, will generate 6 files namely
  - a.txt - it contains the unique insti-A entires
  - top\_10\_ases.txt - it contains top10 ases that are connected to most of the ases
  - unique\_as.txt - it contains unique ases in the file
  - unique\_prefix.txt - it contains all unique prefixes ip
  - whois\_data.txt - it contains the name and ases of the insti-a
  - whois\_top10.txt - it contians name and ases of top10 ases

**Note** - the file may try to install whois in ubuntu since it is assumed that by default whois is not present in ubuntu

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