

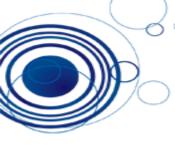




## We covered...

- Python Basics
  - Basic functions
  - Types, List, Dictionary
- Numpy library
- Pandas Library
  - Series data structure
  - Dataframe data structure
  - Indexing/Merge/Groupby
- Matplotlib
  - Scatter/Line/Bar chart
  - Subplot, histogram





## **Today's Subjects**

- How to get data?
  - From file system
    - read\_table
    - read\_csv
    - Json library
  - From API
    - 공공데이터포탈 : failed...
    - pandas datareader : yahoo finance