WARM-UP

Python In Action | Session 1 | EDA on Financial Data

Follow me:

in **Jasmeet Gujral**

Important Links:

JasGujral

Actionable:

Prerequisite for next sessions

- **GitHub:** Create Account account in GitHub and follow the repository shared in "Important Links".

- **ChatGPT:** Create free account and play around with it.

Business Understanding

- **NIFTY50:** What is Nifty and Sensex. Why they are important.

- **Returns:** What are returns and how are the calculated.

Productivity Hacks

- **Pomodoro Technique:** Read and watch videos about it.

- **Journaling:** Write daily journal about what you learned each day and review it every weekend.

Session Plan

- **Discussion on tools we are going to use:**
  - **Language:** Python
  - **Libraries:** Pandas, NumPy, Plotly

- **Data Analysis Project LifeCycle**
  - **Business Understanding**
  - **Data Mining**
  - Data Cleaning
  - **Data Exploration**
  - Feature Engineering (Maybe)
  - Predictive Modelling
  - **Data Visualisation**

- **UnderstandingProject: EDA on Financial Data**
  - **EDA** - Exploratory Data Analysis

- **Data Mining**
  - **Nifty Data**
    - Nifty50 levels and constituents.
  - **Stock Prices**

Links used during session:

- NSE: https://www.nseindia.com/
- Pandas: https://pandas.pydata.org/docs/reference/frame.html
- Plotly: https://plotly.com/python/