**Python Ukraine fundraiser**

**Day 1**

1. **About data science process /lifecycle**
2. **Python**
3. About Python
4. Jupyter notebook
5. syntax
6. data types

values

data tables- List, tupes, dictionaries, dataframes, arrays

1. Operators
   1. **Exercise**
2. User Defined Functions
3. Functions and modules
4. Missing data
   1. **Exercise**
5. Statistical measures
6. Create a module
7. **Extract Transform Load (ETL)**
8. Importing files
9. Importing from database
   1. Exercise
10. Data wrangling: transpose, merge, combine, appending data tables
    1. Exercise
11. Loading data, exporting files
    1. Exercise

**DAY 2**

1. **Working with strings**
2. **Data Viz**

-Distribution

- Line/bar (Horizontal|Vertical) charts

- Boxplot

1. **Exploratory Data Analysis**

-Checking data structure

-Missing values

-Using statistics to get summary of data

-Relationships of data

-Visualizations

1. **Data analysis vs Statistical analysis**
2. **Reporting - Dashboards**