Python for Data Analytics

A few things about the module

1. Aimed towards beginners in Python

2. Basic Python to get you started with Data Analytics

3. Learn by implementing the concepts using hands-on examples.

Why Python?

1. Open source

2. Syntax as simple as English

"Hello, World"

C
```c
#include <stdio.h>

int main(int argc, char ** argv)
{
    printf("Hello, World!\n");
}
```

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3. Very large and collaborative developer community

4. Extensive packages for Data Science like scikit-learn, pandas etc.

scikit learn

pandas

$$y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$$

Installing Python