

Practical Pandas

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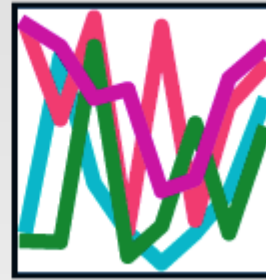


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pandas

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



Python Data Analysis Library

***pandas** is a Python package providing fast, flexible, and expressive data structures designed to make working with “relational” or “labeled” data both easy and intuitive. It aims to be the fundamental high-level building block for doing practical, real world data analysis in Python.*

Why Pandas?

Munging data

Cleaning data

Analyzing

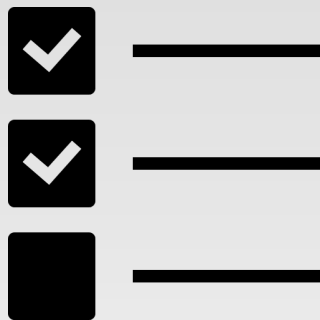
Modelling data

Easy data visualization



ONE DOES NOT SIMPLY

SAY NO TO PANDA



Agenda for today

1. Basics of Pandas



2. Delhi Weather Analysis



3. FIFA World Cup 2018 Analysis



FIFA WORLD CUP
RUSSIA
2018

4. IPL Analysis and Generalized Query Engine





Resources

<https://github.com/nikhilkumarsingh/PracticalPandas>



Questions

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