



PRESENTS



Pandas



ISA-VIT Data Analysis Series

Fall 2021 - VIT Vellore

What is data analysis

Methodical cleaning up of gathered data followed by wrangling and visualization

A process of inspecting, cleansing, transforming, and modelling data with the goal of discovering useful information, informing conclusions, and supporting decision-making

Arrange



Visualize



MODULE PACKAGE LIBRARY

NUMPY

Space saving!

Numpy arrays take lesser space than Python lists

A *super fast* library

NumPy's algorithms are written in C

Tons of data science tools

mask, filter, order, aggregate, transposing
and lots more!

With inbuilt mathematical tools

PANDAS

Python's native spreadsheet
using DataFrames

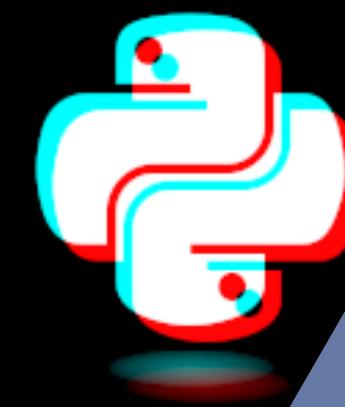
Top notch data wrangling
“Garbage in, Garbage out.”
--George Fuechsel, IBM programmer





Library Demonstration

Let's begin.



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Giveaways!

We will be sharing cheatsheets that include concepts beyond this session
Join our whatsapp/telegram groups to grab those!



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**That's a wrap!
See you on the
next one!**

Thank you for participating.

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