



Kick Off to PyData Pune



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*Let's Kick off the PyData Chapter
for Pune.*

*These are the table of contents for
the kick off session.*

1. NumFocus. What it is?
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3. Data Science – Requisites
4. Python For Data Science
5. Introduction to Numpy and Pandas

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Hi, I am

Mayank Mishra

Data Science Engineer | Infostretch

NUMFOCUS

OPEN CODE = BETTER SCIENCE

What it is?

American - Non Profit Organization

Fiscally sponsors and supporting
open source scientific computing

Run the pydata conference

What it is?

- Fiscally sponsoring projects like

Numpy

Pymc3

Scipy

Julia

Matplotlib

Ropensci

Jupyter

Fenics

Pandas

Stan

Sympy

Quantecon

nteract

Mission

The mission of NumFOCUS is to promote sustainable high-level programming languages, open code development, and reproducible scientific research.

“Open source” software — meaning software that anyone may use, inspect, modify, and redistribute — is increasingly the standard in academic research because it **promotes accessibility and reproducibility**.

In effect, open-source acts as a **shared pool of public research and development (R&D)** can be use directly and leverage to build solutions.



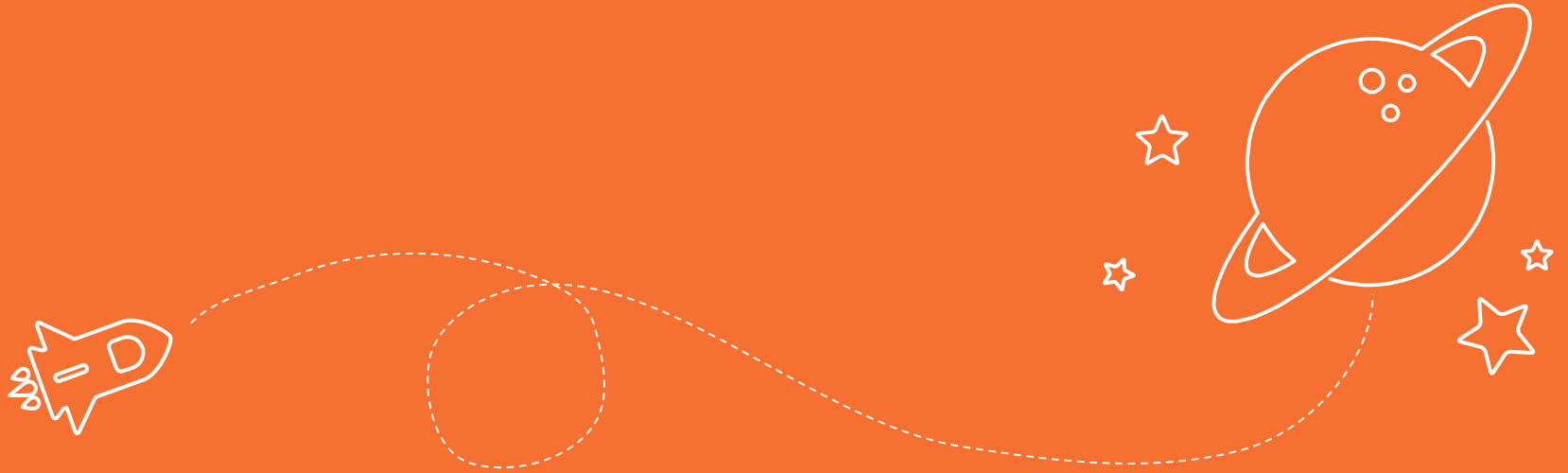
PyData

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PyData is an educational program of NumFOCUS, a 501(c)3 non-profit organization in the United States.

Mission

1. Forum for the international community of users and developers of data analysis tools to share and learn from each other
2. Promotes discussion of best practices, new approaches, and emerging technologies for data management, processing, analytics, and visualization.
3. Communities approach data science using many languages, including (but not limited to) Python, Julia, and R.



Data Science Requisites

Data Science Requisites

*For doing Data Science. One need to
have following things*



Passion
A problem solving approach
Dedication
Motivation



A programming language
Mathematics
Big Data
SQL

SESSION – I



For Data Science

By
Jay Mangi
Programmer Analyst
@ Cognizant Tech

A top-down view of a wooden desk. In the center-left is an open laptop with a silver keyboard. To its right is a white ceramic cup filled with dark coffee. Several pieces of crumpled white paper are scattered around the desk. In the bottom right, there are two wooden chopsticks and a small, blank, light-colored sticky note.

SESSION – II

Numpy & Pandas Fundamentals

By

Mayank Mishra

Data Science Engineer

@ Infostretch Corp

Discussion

Next Speaker



Next Meetup



Suggested Topics





**Thank you very much
for your time**

Find me at

Twitter : mayank_skb

Facebook : mayankskb

Credits

Special thanks to all those who made these awesome resources available :

- INFOSTRETCH CORPORATION & ADMIN TEAM
- PYDATA & NUMFOCUS