



MoF-DAC

Ministry of Finance
Data Analytics Community

Kelas Data – Hackathon Kemenkeu 2021

Pengenalan Pemrograman Python untuk Data Analytics

Pratama Suprayogi

Sigit Sumarsono



Langkah Pendahuluan

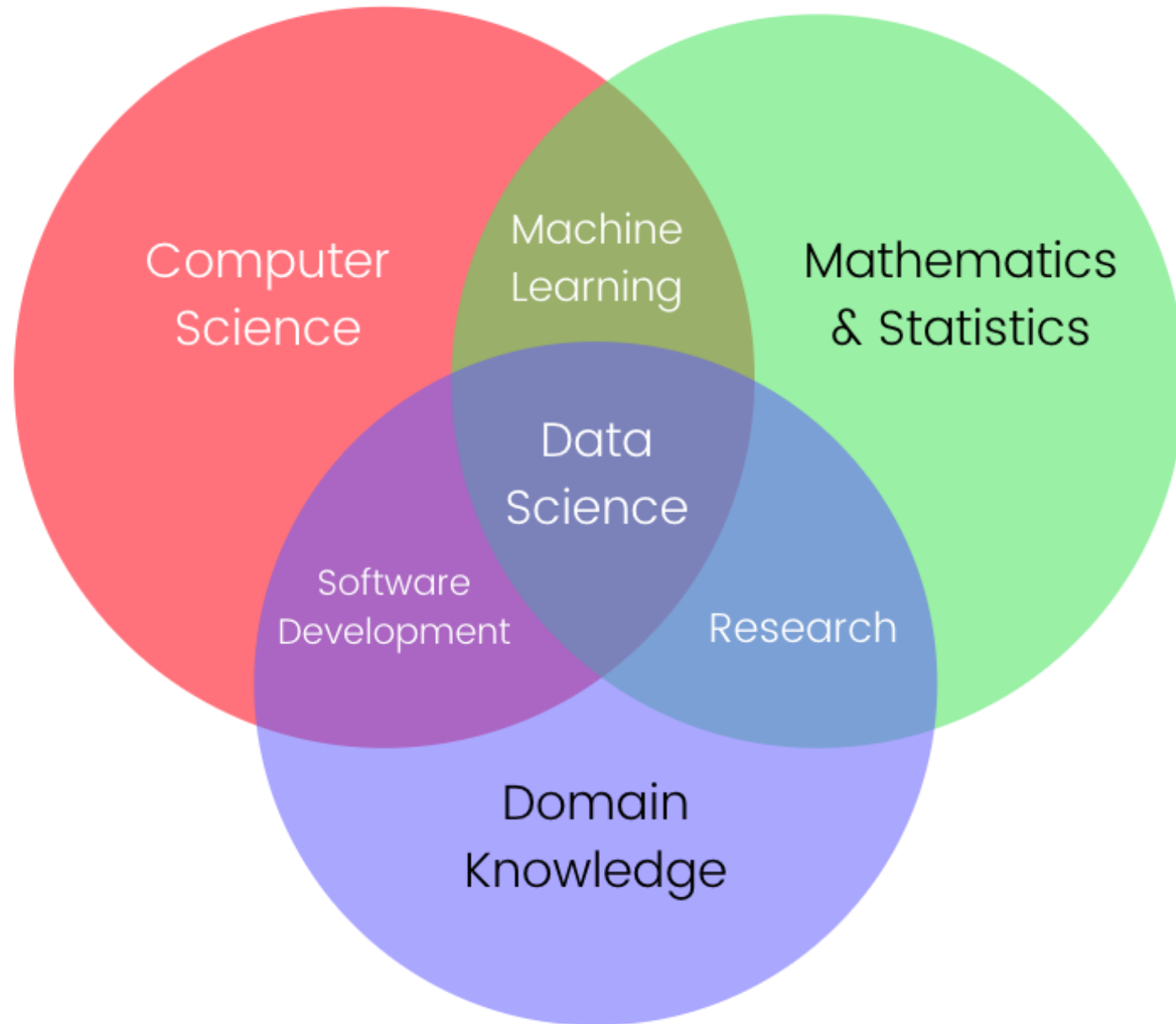
Offline Path

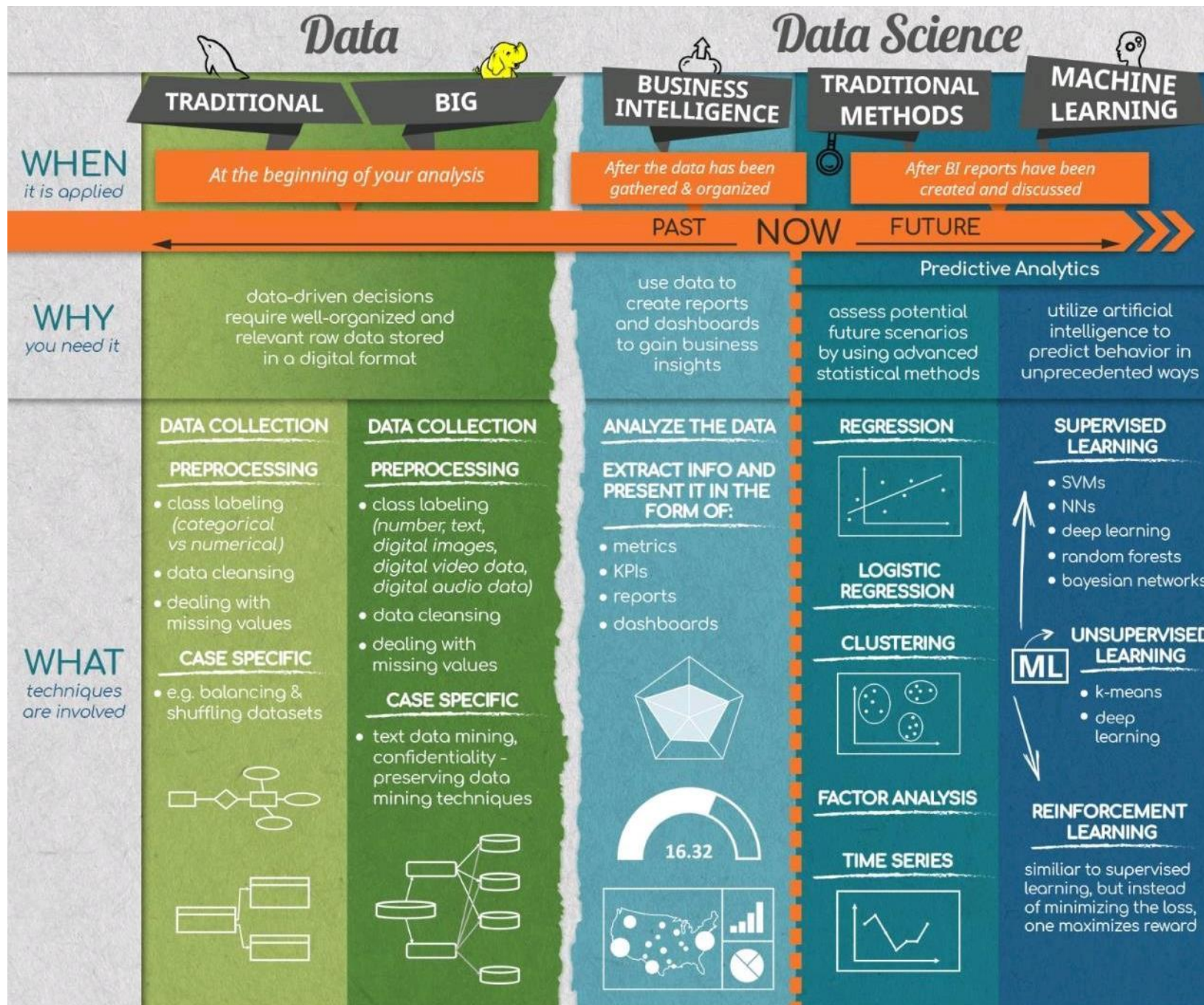
1. Install Anaconda (<https://www.anaconda.com>)
2. Start -> Anaconda Navigator
3. Pilih Jupyter Notebook

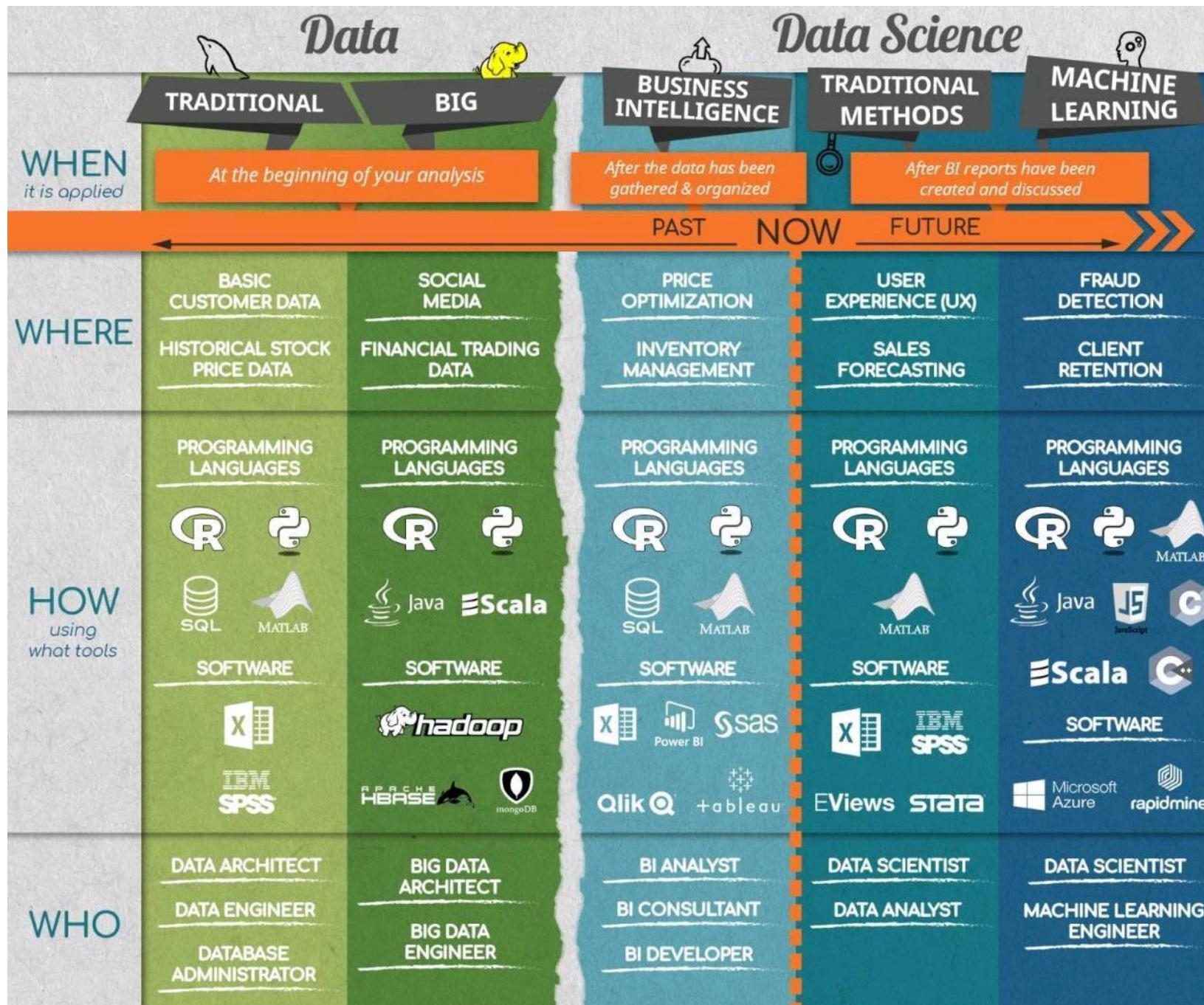
Online Path

- Google Colab (<https://colab.research.google.com>)
- Kaggle(<https://www.kaggle.com>)

Berkenalan dengan Python









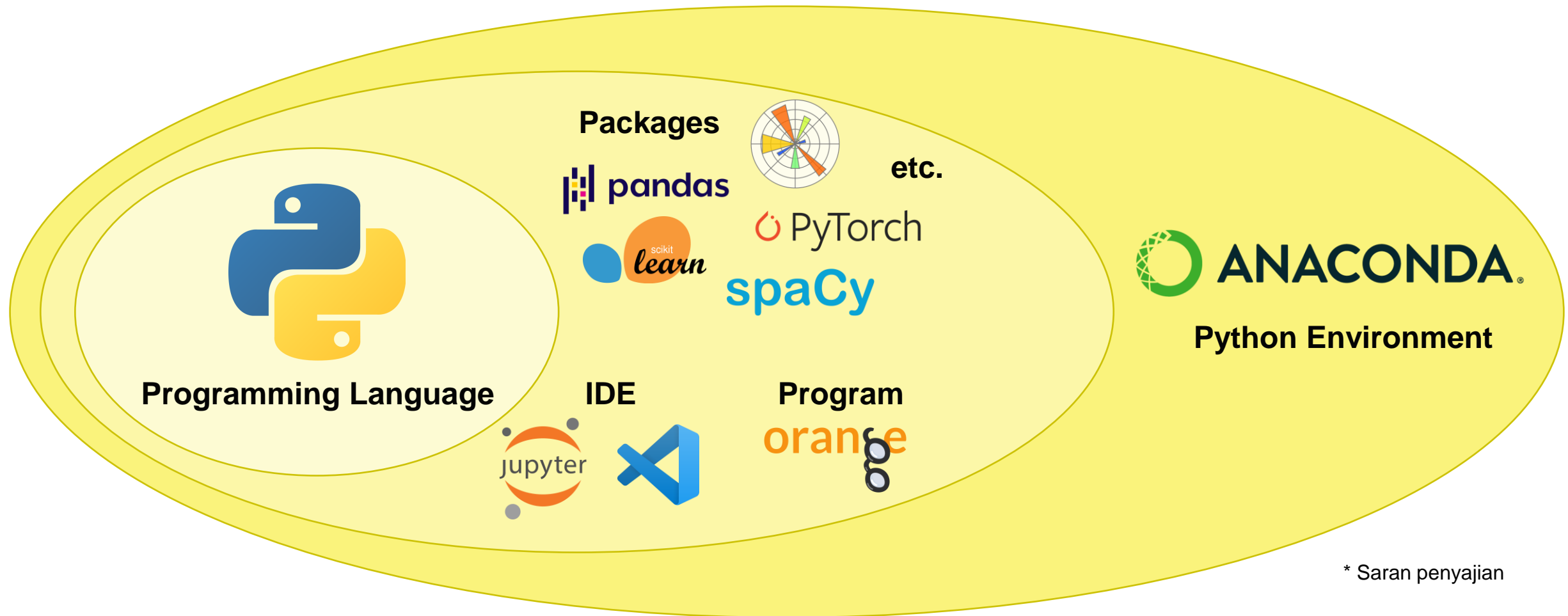
JAKE-CLARK.TUMBLR

Mengapa Python?



1. **Simplicity:** syntax lebih mudah dipahami.
2. **Scalability:** script, desktop, web, etc.
3. **Libraries:** numPy, Pandas, Sklearn, Matplotlib, Flask, etc.
4. **Collaboration:** Jupyter Notebook, Google Colab, etc.
5. **Community:** Bahasa yang populer (Top3), terdokumentasi dengan baik.
6. **Support:** Didukung banyak infrastruktur mulai dari server local hingga cloud.

Memahami Lingkungan Data Science dalam Python*



* Saran penyajian

Rekomendasi Bacaan (Gratis)*

Python for Everyone,

<https://py4e.com>

A Whirlwind Tour of Python,
Python Data Science Handbook,
by Jake VanderPlas

<https://jakevdp.github.io/pages/about.html>

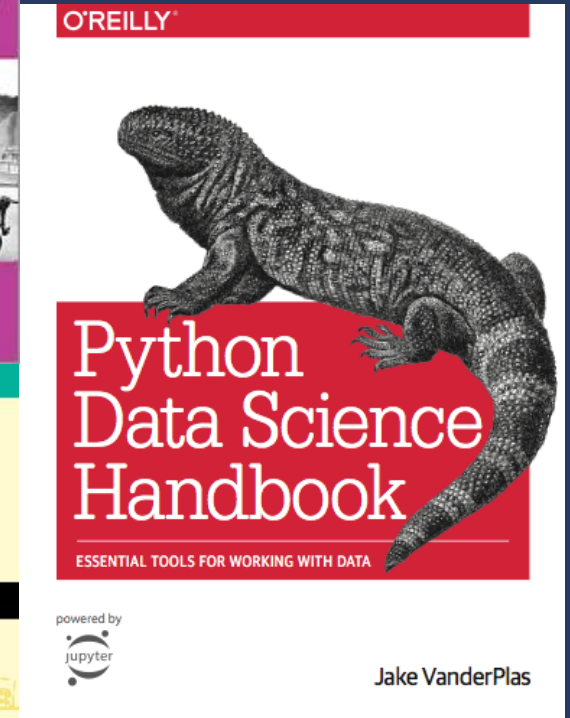
Automate Boring Stuff with Python,
by Al Sweigart

<https://automatetheboringstuff.com/>

W3School

<https://www.w3schools.com>

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*Pandangan pribadi,
tidak mencerminkan pandangan organisasi

Dasar-Dasar Python

Terima Kasih



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www.mofdac.id
github.com/mofdac
youtube.com/mofdac
instagram.com/mof.dac