PROGRAM

DATA SCIENCE [DAY-6]

FGA KOMINFO 2022

RULE KELAS

FEEL FREE TO ASK

ACF

CALM AND LEARN TOGETHER

ACTIVE

TEKNIS

LOCAL

1. Install Anaconda, jika sudah klik Anancoda Prompt dibuka as administrator
2. Ketikan berikut ini dihalaman prompt dengan update pip dengan:

```
python -m pip install --upgrade pip
```

4. Install jupyter notebook:

```
python -m pip install jupyter
```

5. Buka dengan mengetikan:

```
jupyter notebook
```

DQLab

ONLINE

Jika kamu ingin akses secara online untuk pembelajaran python dapat melalui link dibawah ini ya!

BIT.LY/BELAJARBERSAMAKOHKRIS

CLASS PROGRAM [13 Sep – 20 Okt]

PROGRAM 1

1. Introduction to Data Science with Python
2. Python Fundamental for Data Science
3. Fundamental SQL using Select Statement
4. Fundamental SQL using Function and Group By

Introduction to Data Science with Python

Python Fundamental for Data Science

Fundamental SQL with SELECT Statement

Fundamental SQL Using FUNCTION and GROUP BY

PROGRAM 2

1. Fundamental SQL using Inner Join & Union
2. Exploratory data analysis with Python for Beginner

Fundamental SQL Using INNER JOIN and UNION

Exploratory Data Analysis with Python for Beginner

PROGRAM 3

1. Fundamental Data Visualization with Python
2. Data visualization with Python Matplotlib for Beginner

Fundamental Data Visualization with Python

Data Visualization with Python Matplotlib for Beginner - Part 1

Data Visualization with Python Matplotlib for Beginner - Part 2

PROJECT CAPSTONE

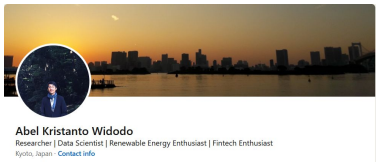
[PRESENTATION 20 Okt]

TASK

1. Peserta membuat visualisasi terkait “Data Covid19 Indonesia”
2. Peserta menyampaikan materi dalam .pptx dan .ipynb
3. Peserta dibebaskan dalam melakukan visualisasi
4. Peserta diharapkan mempelajari berikut ini:

SUBMISSION

Tuliskan ceritamu tentang hasil visualisasi yang kamu buat dan tag DQlab, Mentor di LINKEDIN



RECAP SESSION

OUR AGENDA

Fundamental SQL using Inner Join & Union

Exploratory data analysis with Python for Beginner

QnA

Anonymous

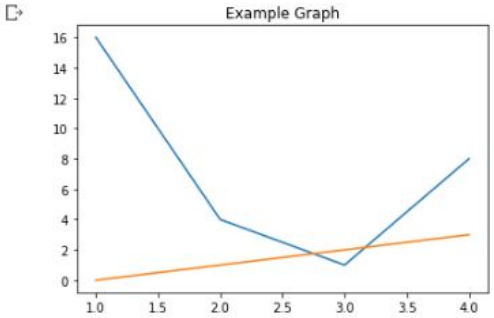
Kak pada python penggunaan plt clf biasanya saat apa kak-Mizar Ahmad Maulana

plt.clf()
clears the entire current figure with all its axes, but leaves the window opened, such that it may be reused for other plots.

```
# Without clf
import matplotlib.pyplot as plt

plt.plot([1, 2, 3, 4], [16, 4, 1, 8])

plt.title('Example Graph')
plt.plot([1, 2, 3, 4], [0, 1, 2, 3])
plt.show()
```

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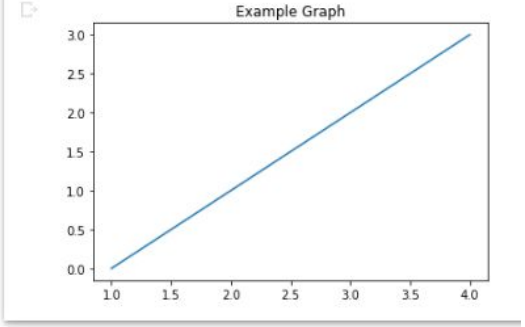
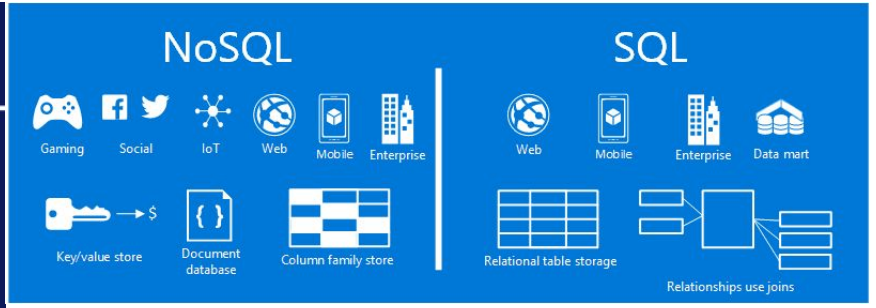
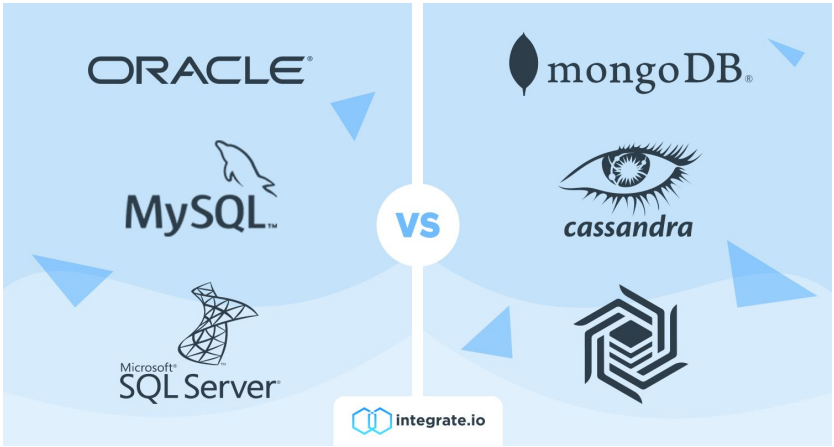


QnA

Anonymous
SQL dan No SQL perbedaan utamanya apa kak? - Ririn Setyowati

SQL	NOSQL
Relational Database management system	Distributed Database management system
Vertically Scalable	Horizontally Scalable
Fixed or predifined Schema	Dynamic Schema
Not suitable for hierarchical data storage	Best suitable for hierarchical data storage
Can be used for complex queries	Not good for complex queries

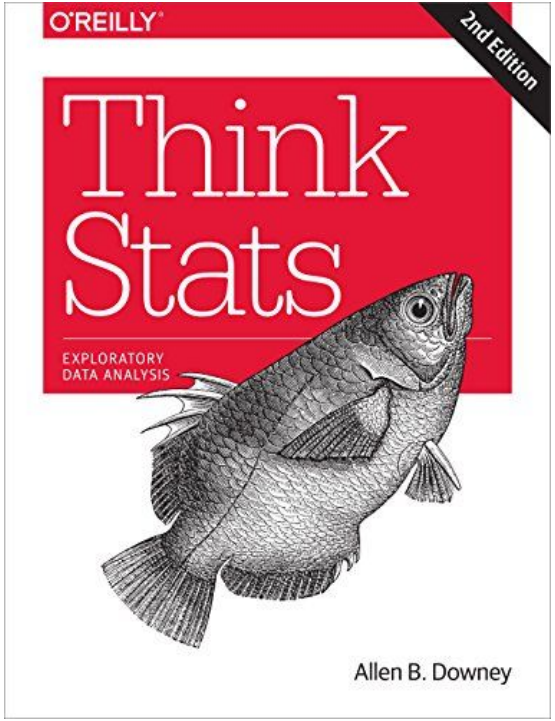


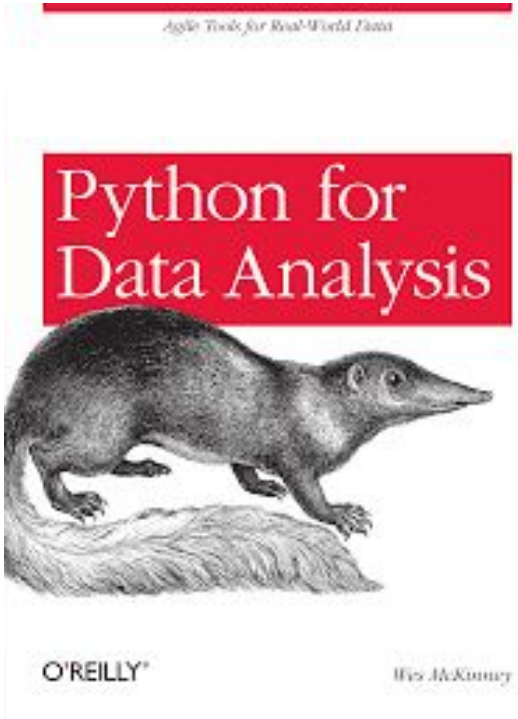


QnA

Anonymous

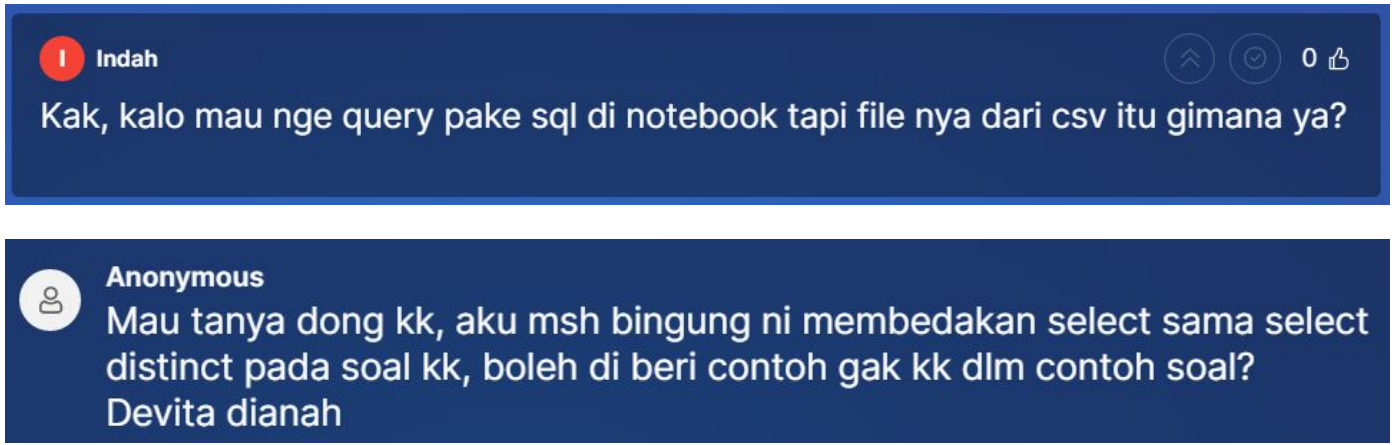
saya masih bingung dalam membaca tabel summary EDA, apakah ada rekomendasi buku yg bisa dipelajari?





DQLab

QnA



#LEARNING BY DOING