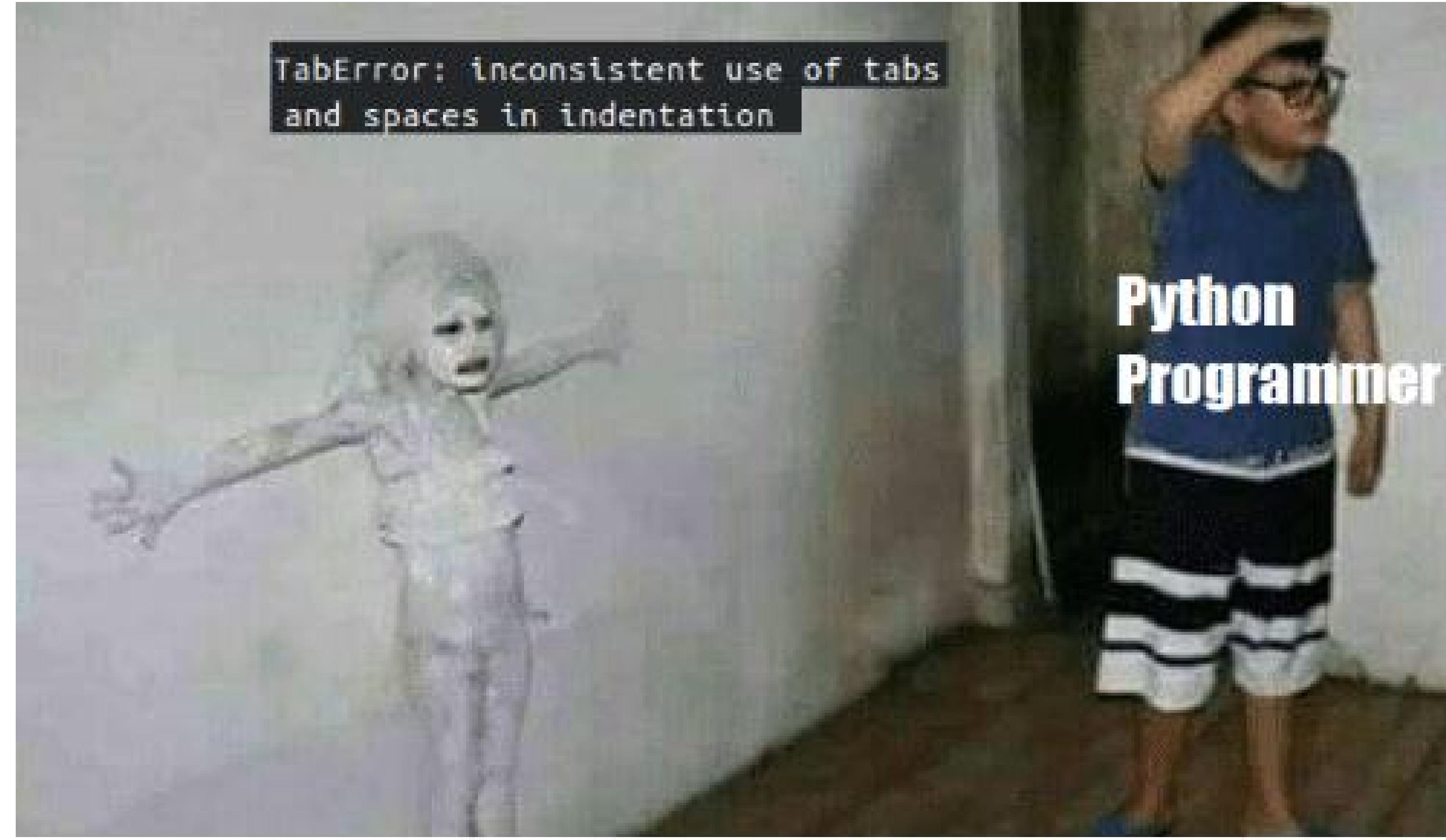


Playing with Python

Data Engineering - Week 2





I've been looking for hours!

Mini Project

The image shows a composite screenshot from a music streaming service. On the left, a 'Playlist' titled 'LAGU POP INDONESIA HITS 2024 TRENDING' is displayed, featuring a cover art of a woman in a blue jacket and the text '#Trending'. Below the title, it says 'COVER: MAHALINI'. The playlist has 95 songs and was created by 'Nusantara Music Rhapsody' with 22,517 saves. The main content area shows a table of songs with columns for #, Title, Album, and Date added. The first six songs listed are:

#	Title	Album	Date added
1	Bukan Untukku Tiara Andini	Bukan Untukku	6 days ago
2	Sampai Menutup Mata Mahalini	Sampai Menutup Mata	Sep 7, 2024
3	Satu Bulan Bernadya	Terlintas	Sep 3, 2024
4	Terlalu Cinta Yovie Widianto, Lyodra	Terlalu Cinta	Jul 26, 2024
5	Aku Yang Jatuh Cinta Dudy Oris	Aku Yang Jatuh Cinta	Jun 29, 2024
6	Untungnya, Hidup Harus Tetap Berjalan Bernadya	Sialnya, Hidup Harus Tetap Berjalan	Sep 3, 2024

On the right, a detailed view of the song 'Satu Bulan' by Bernadya is shown. The song cover features a woman resting her head on a table next to a glass. The title 'Satu Bulan' is prominently displayed in large white letters. Below the title, it says 'Song' and 'Bernadya • Terlintas • 2023 • 3:20 • 181,881,482'. The lyrics are listed as follows:

Belum ada satu bulan
Ku yakin masih ada sisa wangiku di bajumu
Namun, kau tampak baik saja
Bahkan senyummu lebih lepas

Artist Bernadya

Dikumpulkan di LMS dengan mengirimkan link folder drive berisi penjelasan(pdf) dan code(ipynb)

Mini Project

Case

- A. Display & Add Playlist (1 & 2.1)**
- B. Tambah Lagu ke Playlist (2.2)**
- C. Hapus lagu dari Playlist (2.3)**

Note

- 1. 1 Kelompok 1 Case
- 2. Setiap kelompok tetap bikin semua menu, namun yang bisa berjalan secara fungsional cukup case yang diambil
- 3. Buat kodenya berbasis fungsi
ex: def display_playlist() | display_user_playlist | etc

Sistem Default Spotify

- 1. Hanya 1 user (tidak perlu login)
- 2. User di awal setidaknya mempunyai 1 playlist
- 3. Min. ada 3 Daftar Playlist
- 4. Min. ada 7 lagu
- 5. 1 Playlist paling tidak 2 lagu

Data

Playlist: Berisi banyak lagu

Lagu: Mempunyai atribut berikut

Judul - Artist - Album - Durasi - Total Played - Release Date

Datanya buat sendiri

Mini Project Kelompok

A. Display & Add Playlist (1, 2.1)

1. Wildan
2. Chartika
3. Nina
4. Aulya

B. Tambah Lagu ke Playlist (2.2)

1. Talita
2. Abraham
3. Ridwan

C. Hapus lagu dari Playlist (2.3)

1. Ikhsan
2. Feysha
3. Hafshah

Yang perlu dikumpulkan

1. Code IPYNB
2. Docx Project Report yang berisi (Data Team, Pembagian Tugas, Tipe Data, Algoritma, Penjelasan Code)
3. Kumpulkan Link Drive di LMS, Dan Presentasi ketika Next Meet (Bisa pakai PPT)

Let's Connect



Feedback Form



<https://forms.office.com/r/De02xbJisi>

**“If the implementation is easy
to explain, it may be a good
idea”** -Zen of Python

Thank you

Don't forget to fill out the feedback form and click the attendance link