Nama : Ambar Wati

NIM : 20.01.013.001

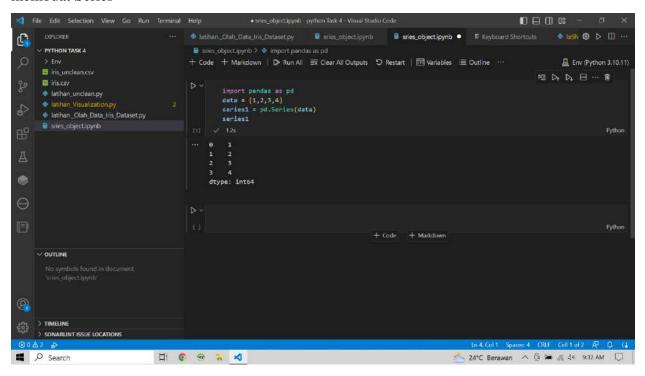
Kelas : C

Mata Kuliah : Perograman Python

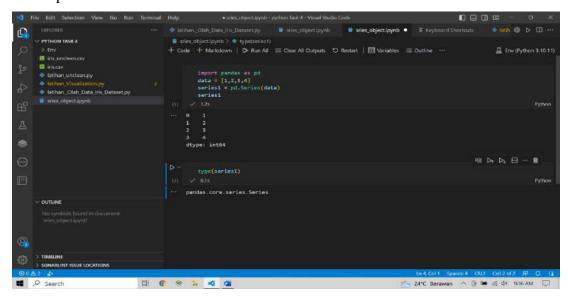
Task 6

4-Data Visualisasi Data-Pandas DataFrame

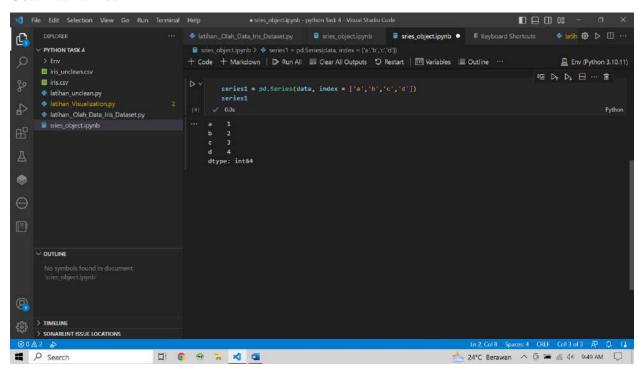
1. membuat Series



2. Cek Tipe Struktur Data Series atau Bukan

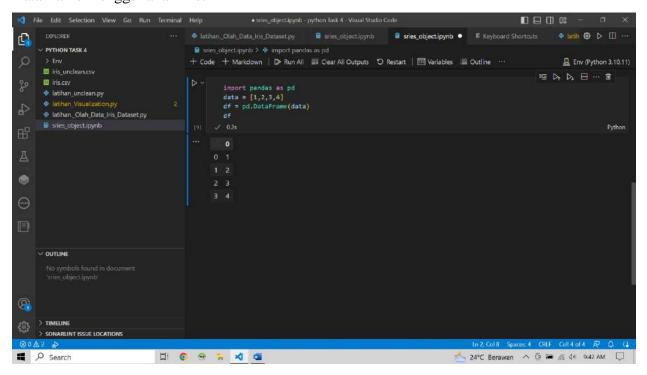


3. Ubah Nama Index

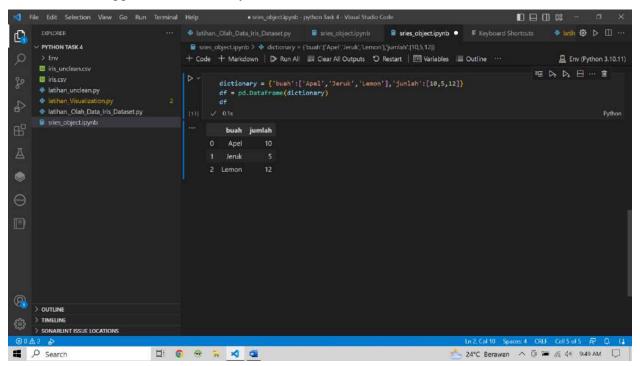


Data Frame

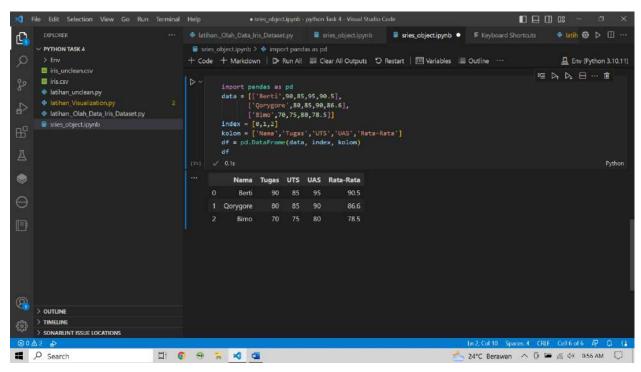
1. DataFrame menggunakan List



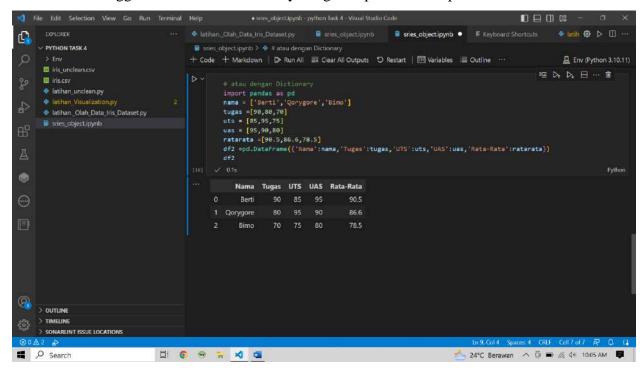
2. DataFrame Menggunakan Dictionary



3. DataFrame Menggunakan List dengan Tipe Data Campuran

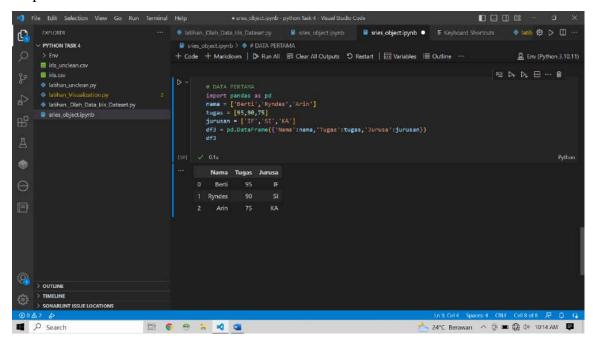


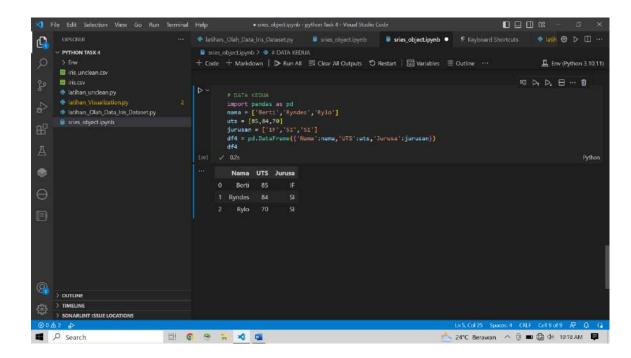
4. DataFrame Menggunakan List & Dictionary dengan Tipe Data Campuran



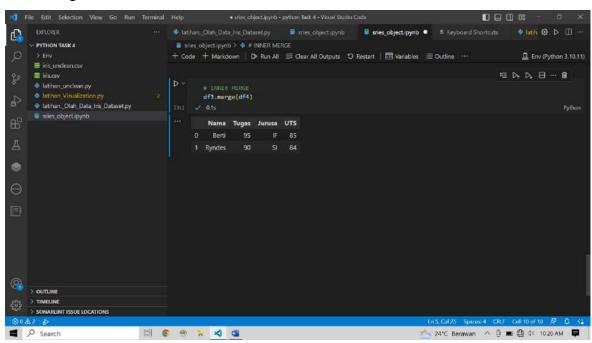
Merge, Join, dan Concatenate DataFrame

- a. Merge
 - 1. Siapkan 2 Data

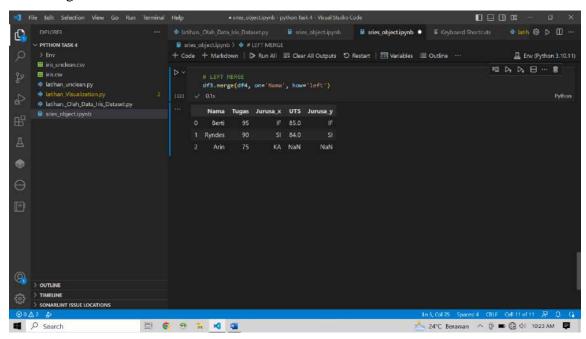




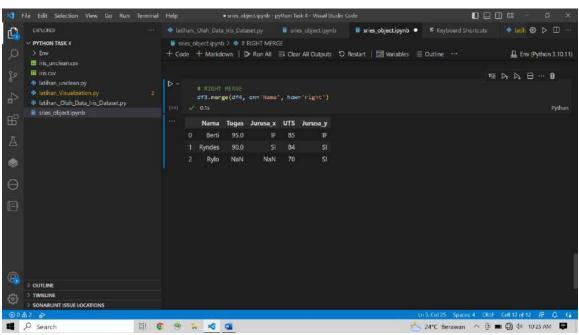
2. Inner Merge



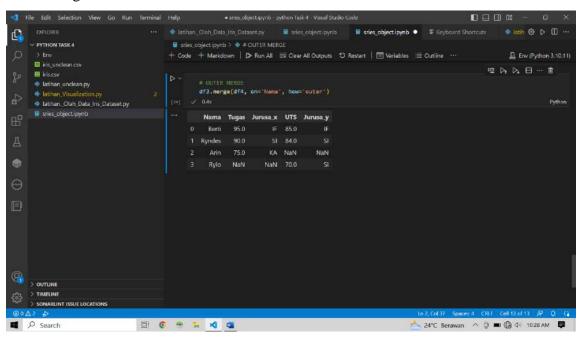
3. Left Marge



4. Right Merge

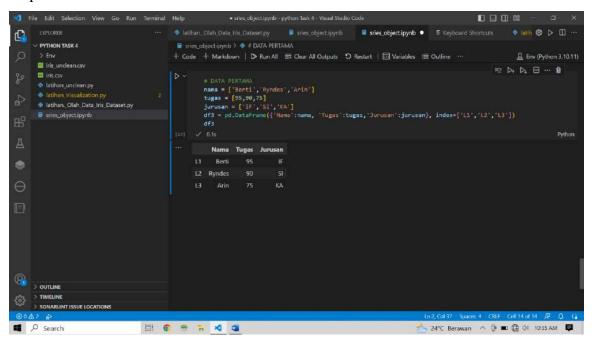


5. Outer Merge



b. Join

1. Siapkan 2 Data





2. Inner Join



3. Left join



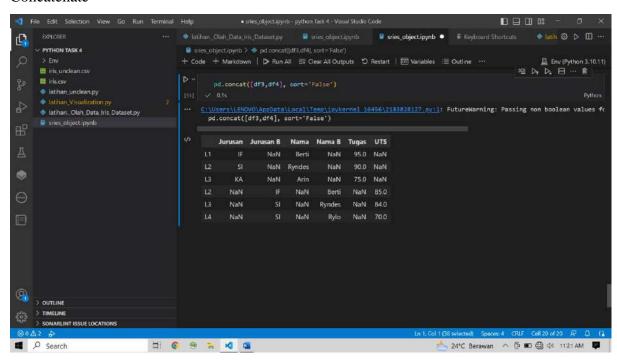
4. Right join



5. Outher Join

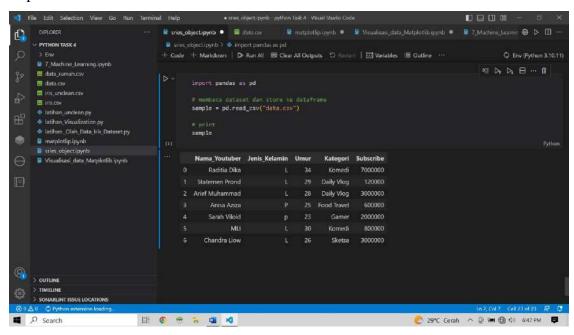


c. Concatenate



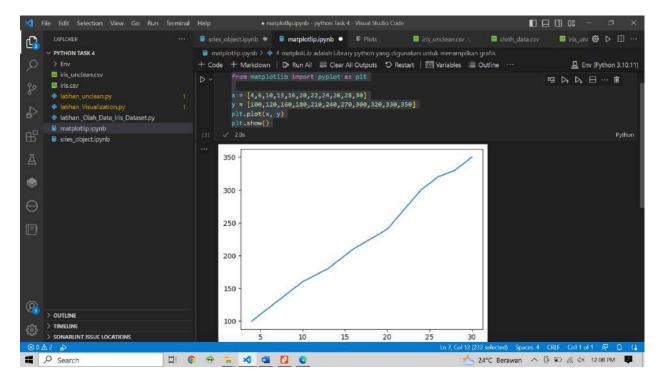
d. Pandas DataFrame – Import Data CSV

1. Import Data CSV

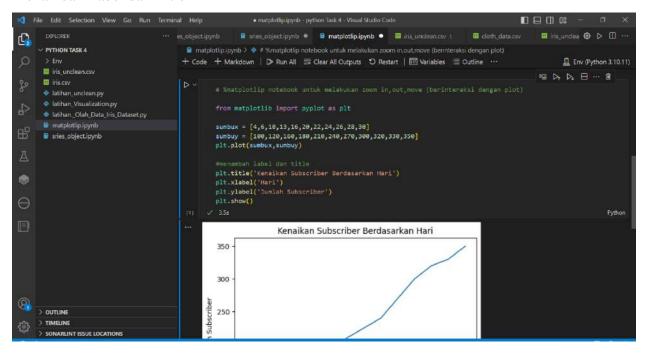


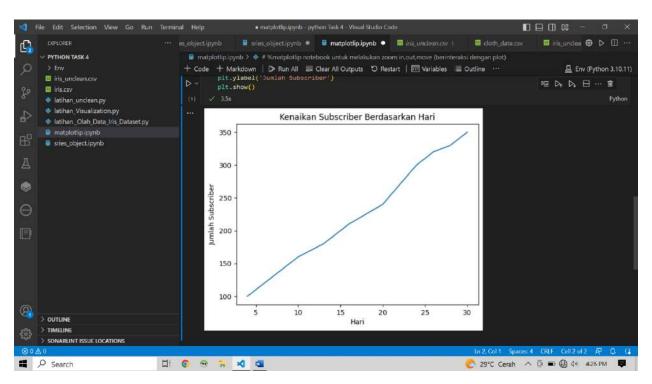
5-Visualisasi Data-Matplotlib

1. Plot Garis



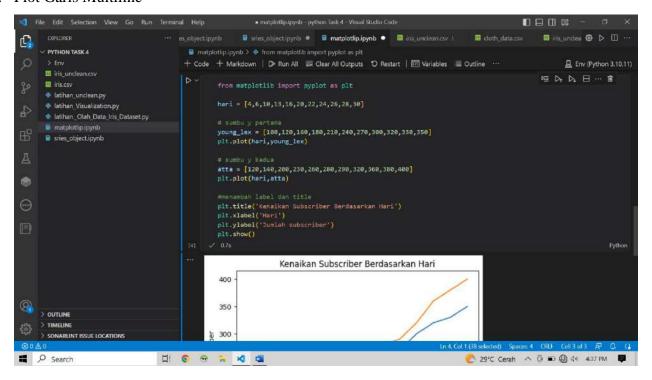
2. Menambah Label dan Title

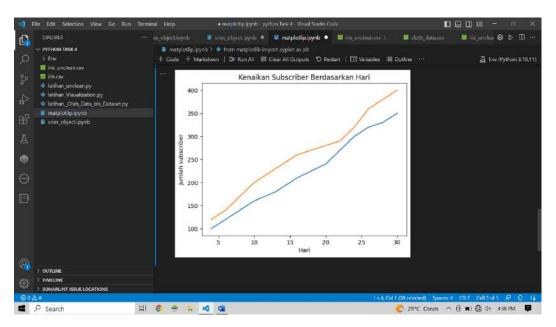




Gambar. Label dan Title

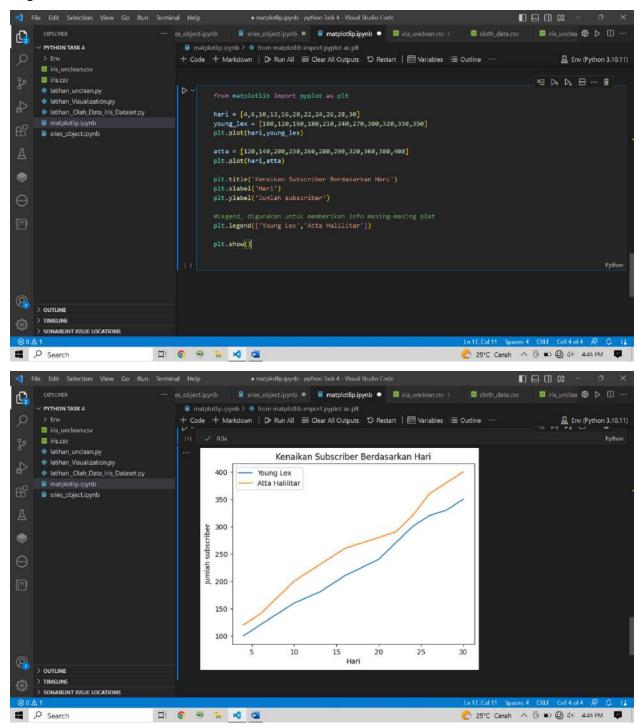
3. Plot Garis Multiline





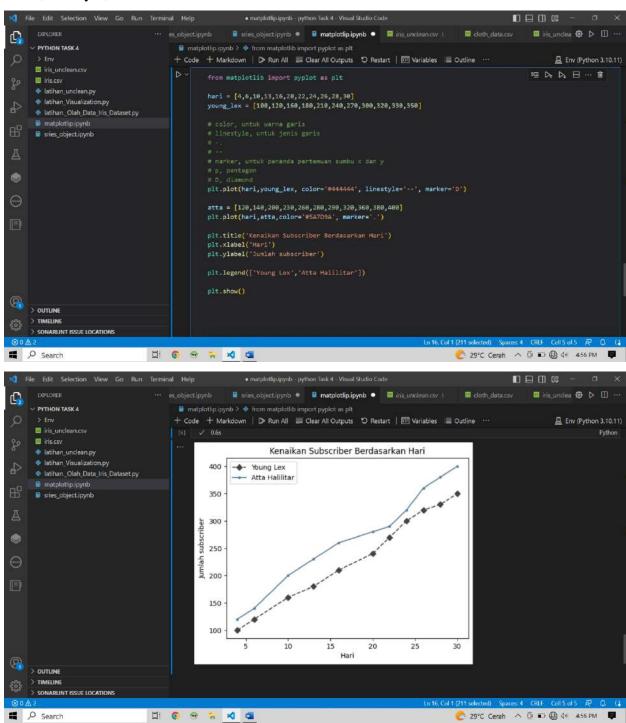
Gambar. Plot Garis multiline

4. Legend



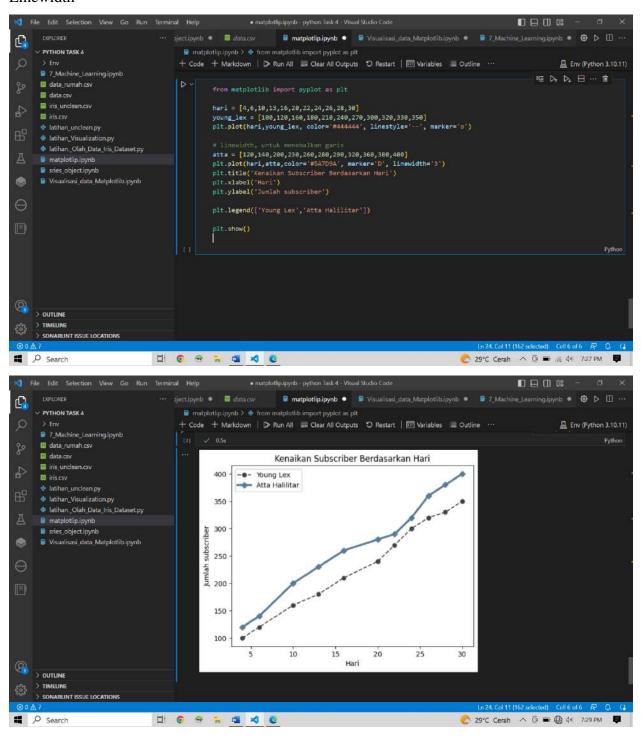
Gambar. Legend

5. Color, Linestyle, Marker



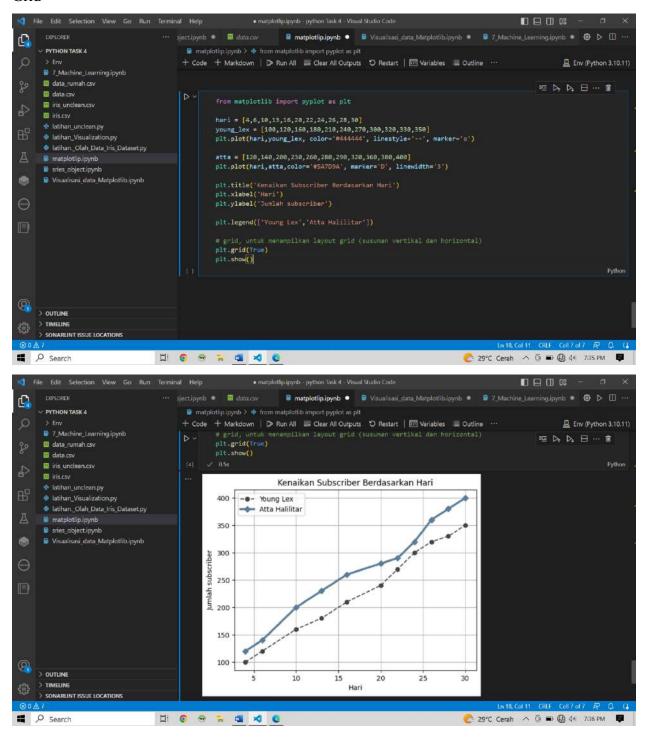
Gambar. Color, Linestyle, Marker

6. Linewidth

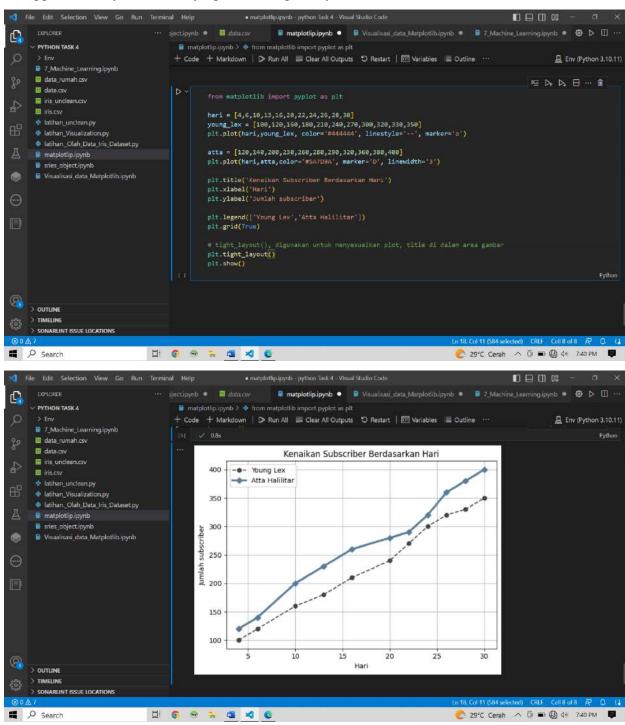


Gambar Linewidth

7. Grid

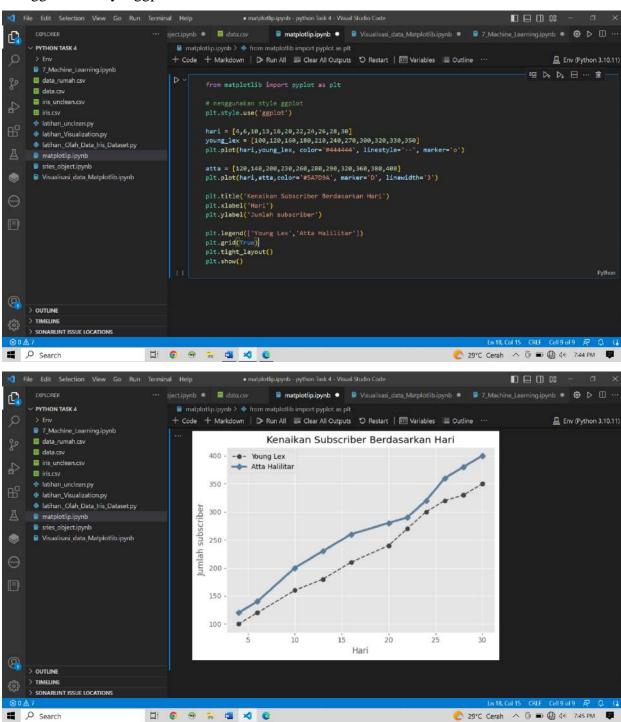


8. Menggunakan Style (fivethirtyeight) dan Tight Layout



Gambar. Style dan Tight Layout

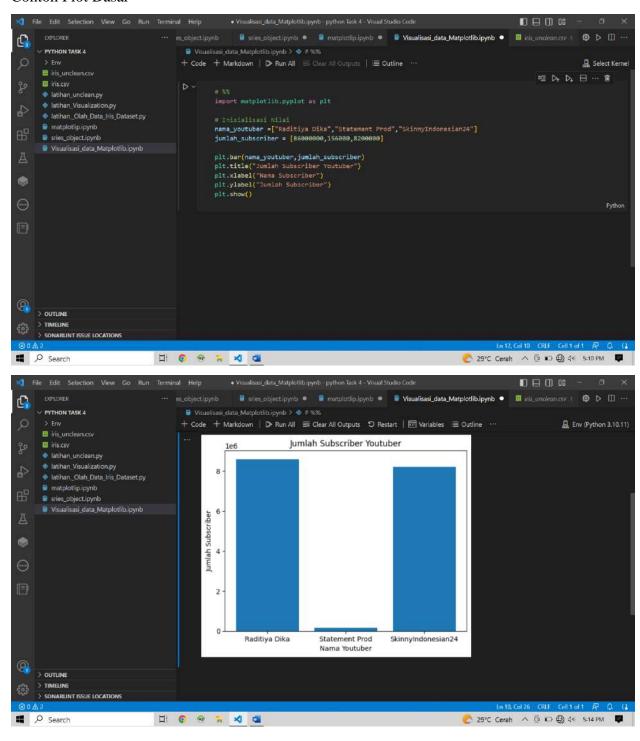
9. Menggunakan Style ggplot



Gambar. Style ggplot

6-Visualisasi Data_Matplotlib Import CSV (contoh 2)

1. Contoh Plot Dasar



7-Machine Learning _Prediksi Harga Rumah dengan Regresi Linier (Satu Variable)

