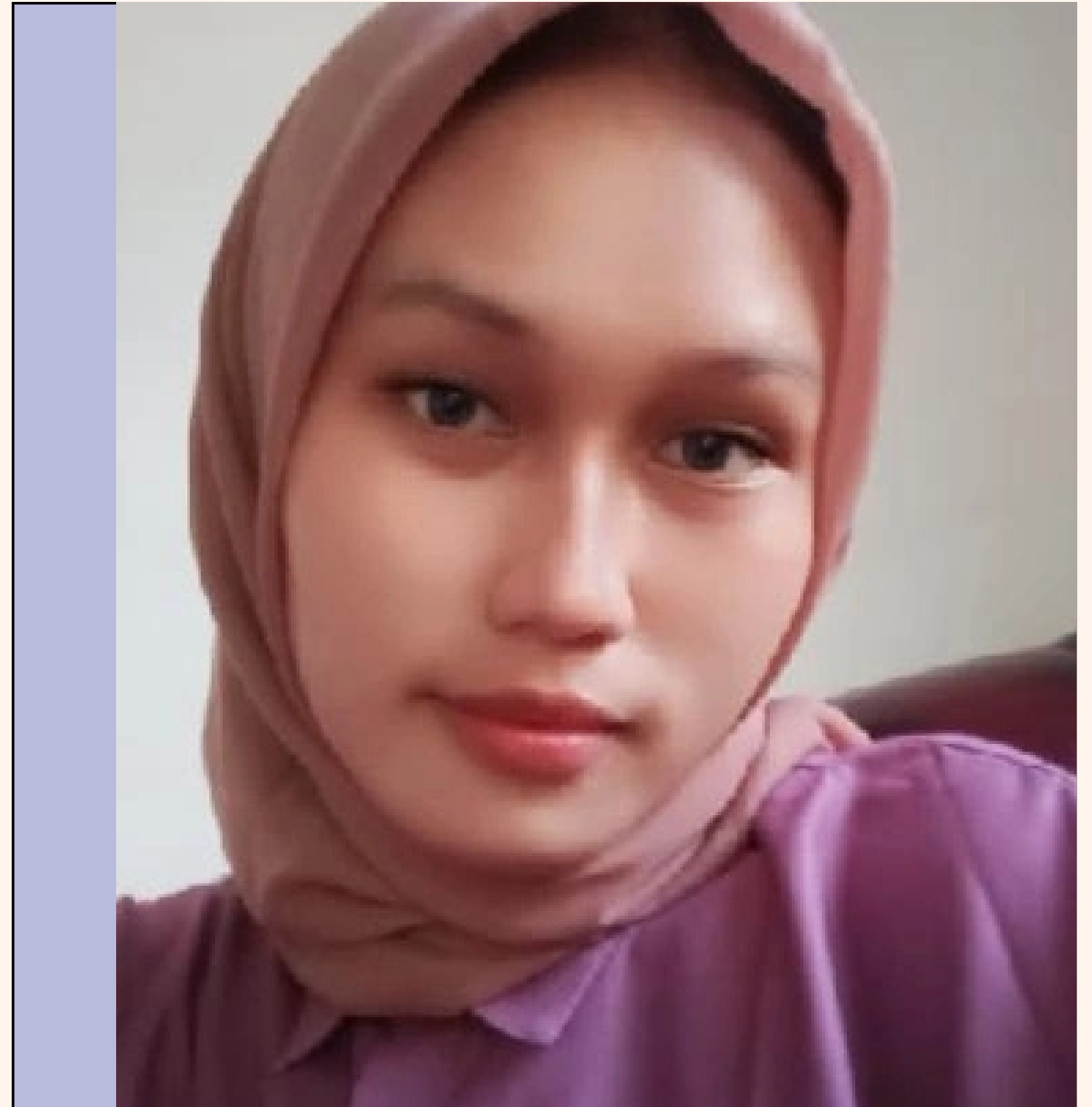


# GOOGLE DATA STUDIO

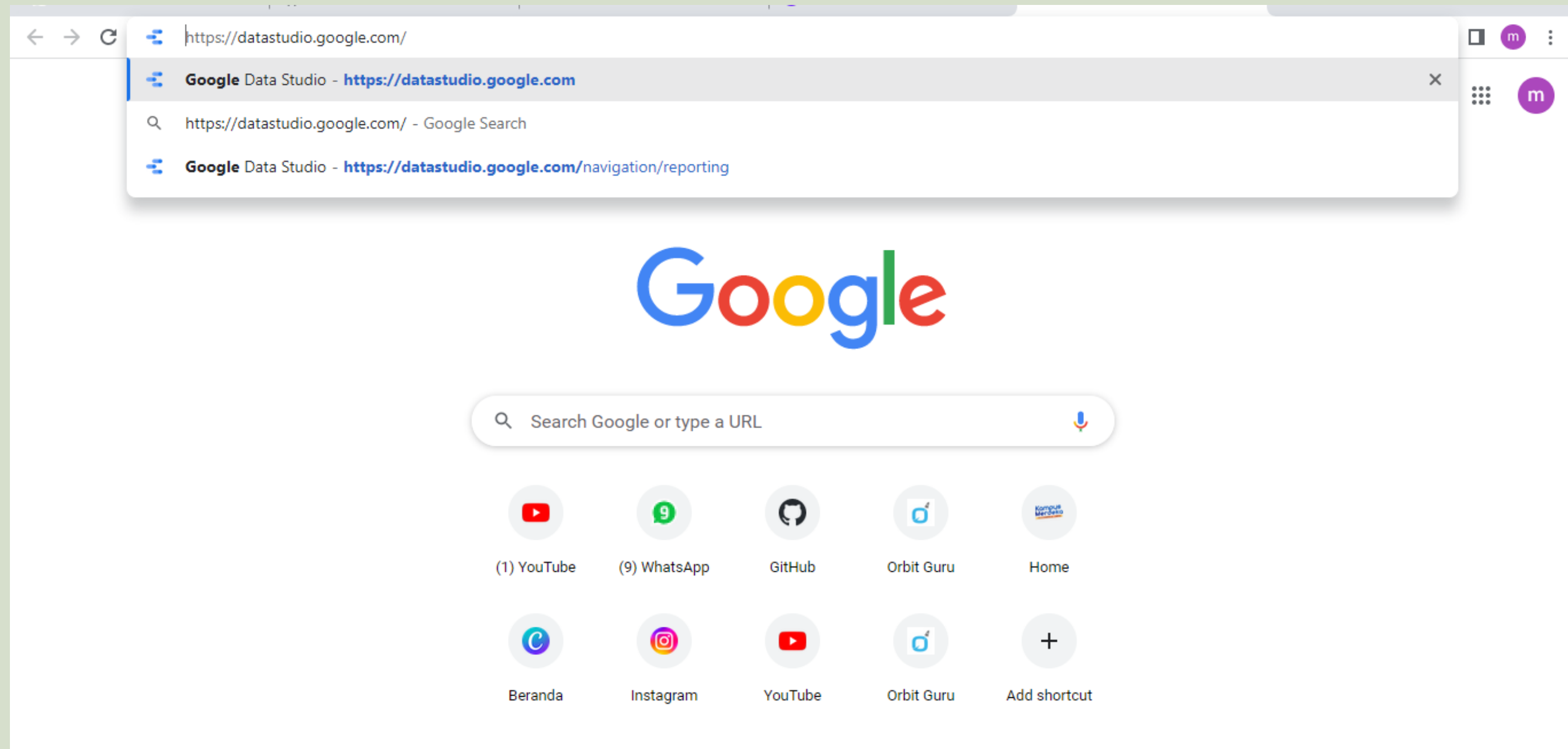
# Profil

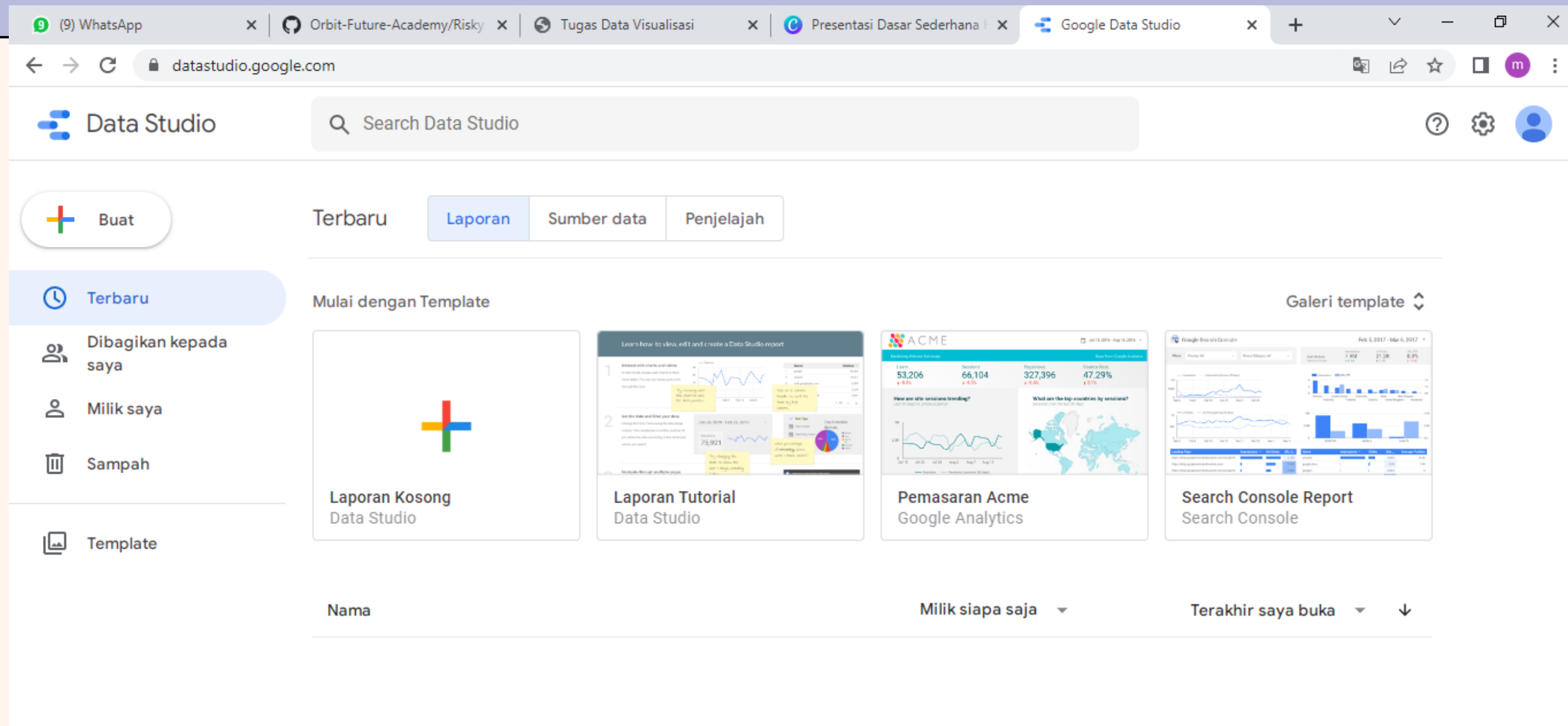
Halo!! Saya Maida Ayu Putri  
biasa di panggil Maida saya  
mahasiswi jurusan manajemen  
semester 5 Universitas Ibn  
Khalidun.



# STEP 1

Ketikkan pada pencarian google.com





## STEP 2

Buka Google Data Studio dan  
login menggunakan akun  
google pribadi

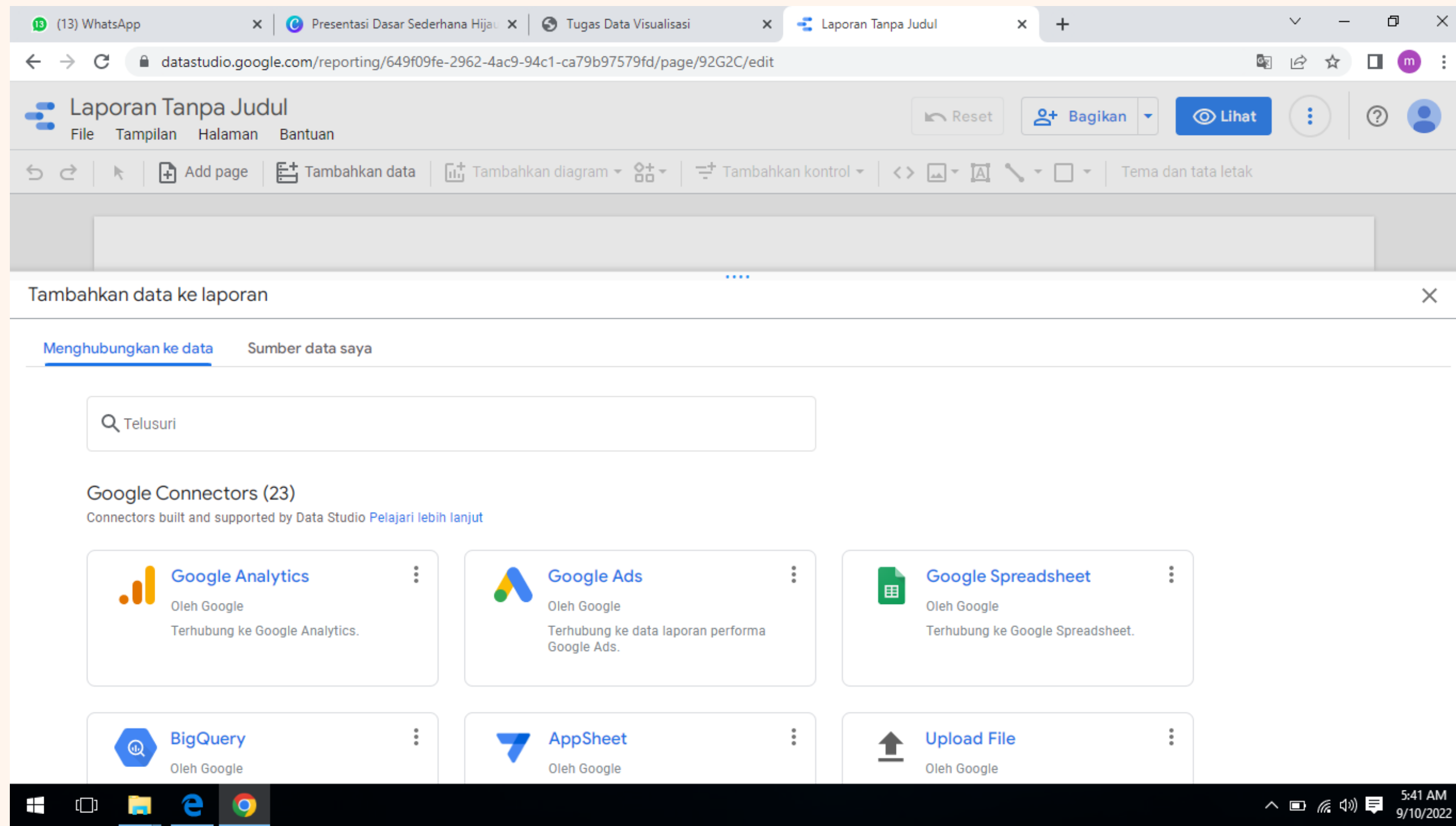
# STEP 3

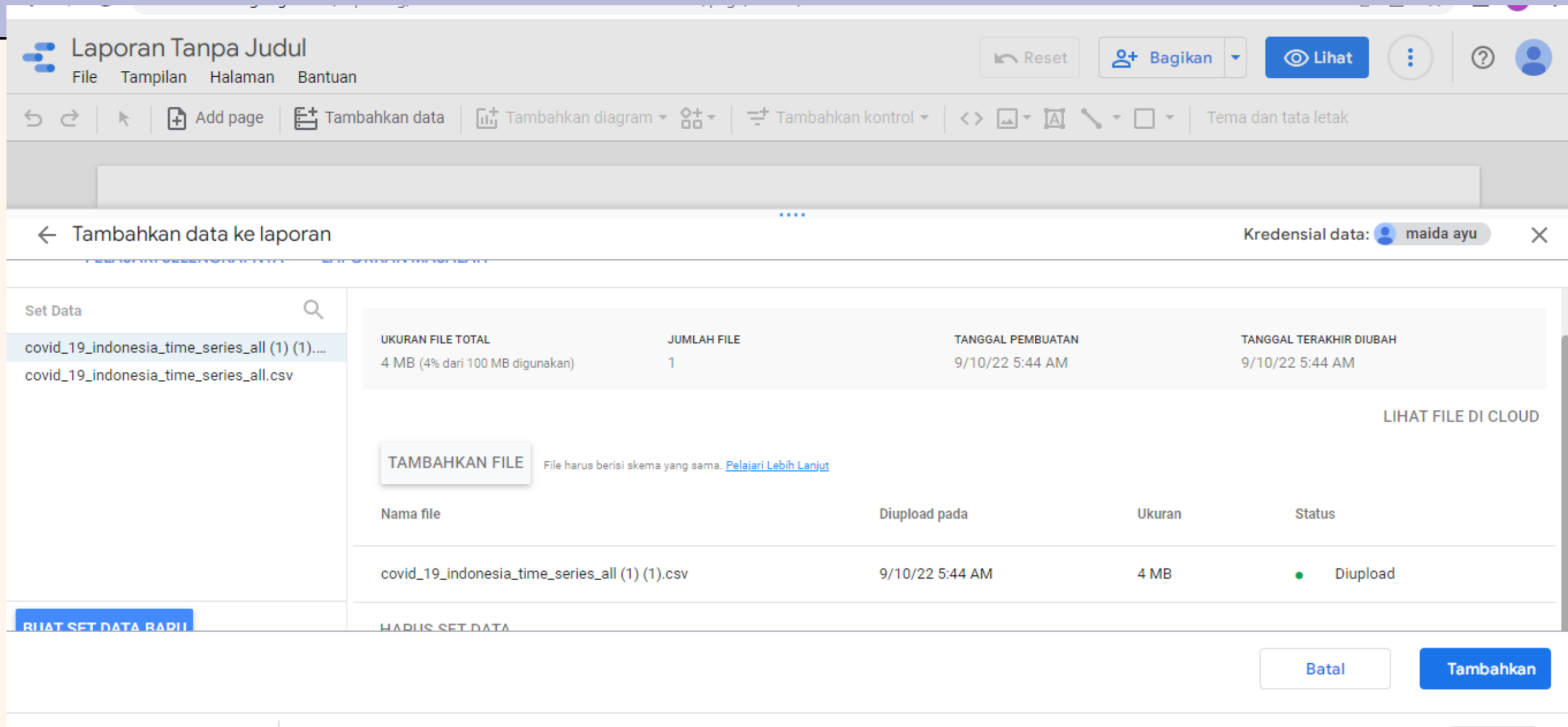
Klik menu tambahkan  
Laporan Kosong

The screenshot shows the Google Data Studio web interface. The browser's address bar displays 'datastudio.google.com'. The top navigation bar includes the 'Data Studio' logo, a search bar, and user profile icons. On the left sidebar, the 'Buat' (Create) button is highlighted, along with filters for 'Terbaru' (Latest), 'Dibagikan kepada saya' (Shared with me), 'Milik saya' (Mine), 'Sampah' (Trash), and 'Template'. The main content area, titled 'Mulai dengan Template' (Start with a template), shows a grid of report templates. The first template is 'Laporan Kosong Data Studio' (Blank Data Studio Report), which is the target for this step. Other templates include 'Laporan Tutorial Data Studio', 'Pemasaran Acme Google Analytics', and 'Search Console Report Search Console'. At the bottom, there are filters for 'Nama' (Name), 'Milik siapa saja' (Owned by whom), and 'Terakhir saya buka' (Last opened by me).

# STEP 4

Maka akan muncul menu seperti berikut. Selanjutnya klik menu Upload File untuk menambahkan data file yang kita miliki





## STEP 5

Apabila data sudah berhasil ter upload, selanjutnya klik tambahkan.

# STEP 6

Klik menu Tambahkan  
Ke Laporan.

The screenshot shows the Google Data Studio interface. A modal dialog is open in the center with the title "Anda akan menambahkan data ke laporan ini". It lists a data source: "covid\_19\_indonesia\_time\_series\_all (1) (1).csv". Below the list, there is a note: "Perhatikan bahwa **Editor Laporan** dapat membuat diagram menggunakan sumber data baru dan dapat menambahkan dimensi dan metrik yang saat ini tidak disertakan dalam laporan." and a checkbox labeled "Jangan tampilkan ini lagi". At the bottom of the modal are two buttons: "BATAL" and "TAMBAHKAN KE LAPORAN".

The background interface shows the "Tambahkan data ke laporan" (Add data to report) screen. On the left, under "Set Data", the data source "covid\_19\_indonesia\_time\_series\_all (1) (1).csv" is selected. On the right, there is a "Kredensial data" (Data credentials) section for "maida ayu" and a "TANGGAL TERAKHIR DIUBAH" (Last updated) section showing "9/10/22 5:44 AM". At the bottom right, there are "Batal" (Cancel) and "Tambahkan" (Add) buttons.



datastudio.google.com/reporting/649f09fe-2962-4ac9-94c1-ca79b97579fd/page/92G2C/edit

Laporan Tanpa Judul

File Edit Tampilan Sisipkan Halaman Atur Aset Bantuan

Reset Bagikan Lihat

Add page Tambahkan data Tambahkan diagram Tambahkan kontrol Tema dan tata letak

	Location ISO Code	Record Count
1.	ID-JI	549
2.	ID-JK	496
3.	IDN	495
4.	ID-JB	495
5.	ID-RI	495
6.	ID-BT	491
7.	ID-JT	489
8.	ID-SG	487
9.	ID-DA	484

1 - 24 / 24

Diagram

SETUP GAYA

Sumber data

covid\_19\_indonesia\_time\_se...

GABUNGKAN DATA

Dimensi Rentang Tanggal

Date

Dimensi

Location ISO Code

Tambahkan dimensi

Lihat perincian

Metrik

Record Count

Tambahkan metrik

Telusuri

covid\_19\_indonesia\_time\_series...

- 123 Area (km2)
- ABC Case Fatality Rate
- ABC Case Recovered Rate
- ABC City or Regency
- ABC Continent
- ABC Country
- ABC Date
- ABC Growth Factor of New Cases
- ABC Growth Factor of New Deaths
- ABC Hidden
- ABC Island
- ABC Item
- ABC Kind
- 123 Latitude
- ABC Location

Tambahkan Data

STEP 7

Setelah itu maka akan muncul tampilan seperti diatas.

# STEP 8

Selanjutnya memasukkan data Location ke menu dimensi dan juga memasukkan data New Cases pada menu matrik seperti gambar di bawah

The screenshot shows the Data Studio interface for a report titled "Laporan Tanpa Judul". The main view displays a table with the following data:

	Location	New Cases
1.	Indonesia	2.455.912
2.	DKI Jakarta	636.346
3.	Jawa Barat	440.379
4.	Jawa Tengah	285.348
5.	Jawa Timur	189.705
6.	Kalimantan Timur	83.762
7.	Riau	74.899
8.	Daerah Istimewa Yogyakarta	72.560
9.	Sulawesi Selatan	67.998

The right sidebar shows the "Diagram" tab with the "SETUP" section. The "Sumber data" (Data Source) is "covid\_19\_indonesia\_time\_se...". The "Dimensi Rentang Tanggal" (Date Range Dimension) is "Date". The "Dimensi" (Dimension) is "Location". The "Metrik" (Metric) is "SUM New Cases". The "Data" panel on the right lists various fields including "Area (km2)", "Case Fatality Rate", "Case Recovered Rate", "City or Regency", "Continent", "Country", "Date", "Growth Factor of New Cases", "Growth Factor of New Deaths", "Hidden", "Island", "Item", "Kind", "Latitude", "Location", "Location ISO Code", and "Location Level".

# STEP 9

Menghapus data Indonesia dengan cara mencari menu filter, lalu klik tambahkan filter.

The screenshot shows the Google Data Studio interface. The main table displays COVID-19 data for various Indonesian locations. The table has two columns: 'Location' and 'New Cases'. The data is as follows:

	Location	New Cases
1.	Indonesia	2.455.912
2.	DKI Jakarta	636.346
3.	Jawa Barat	440.379
4.	Jawa Tengah	285.348
5.	Jawa Timur	189.705
6.	Kalimantan Timur	83.762
7.	Riau	74.899
8.	Daerah Istimewa Yogyakarta	72.560
9.	Sulawesi Selatan	67.700

The right sidebar shows the 'Diagram' and 'Data' panels. The 'Filter' section is active, and the 'TAMBAHKAN FILTER' button is visible. The 'Data' panel shows a list of available data fields, including 'Area (km2)', 'Case Fatality Rate', 'Case Recovered Rate', 'City or Regency', 'Continent', 'Country', 'Date', 'Growth Factor of New Cases', 'Growth Factor of New Deaths', 'Hidden', 'Island', 'Item', 'Kind', 'Latitude', 'Location', 'Location ISO Code', and 'Location Level'.

# STEP 10

Isikan data seperti dibawah pada menu filter, lalu klik simpan.

The screenshot shows the Data Studio 'Buat Filter' (Create Filter) interface. The main table displays COVID-19 data with columns 'Location' and 'New Cases'. The 'Location' column is selected for filtering. The filter is named 'covid\_19\_indonesia\_time\_series\_all (1...'. The filter is configured with 'Kecualikan' (Exclude) set to 'ABC' and 'Berisi' (Contains) set to 'Indonesia'. The 'SIMPAN' (Save) button is visible at the bottom right.

	Location	New Cases
1.	Indonesia	2.455.912
2.	DKI Jakarta	636.346
3.	Jawa Barat	440.379
4.	Jawa Tengah	285.348
5.	Jawa Timur	189.705
6.	Kalimantan Timur	83.762

Buat Filter

Nama: covid\_19\_indonesia\_time\_series\_all (1...

Kecualikan: ABC Location Berisi: Indonesia

DAN

Filter ini memiliki 1 klausa

SIMPAN

# STEP 11

Setelah tersimpan,  
maka data Indonesia  
akan terhapus.

The screenshot shows the Google Data Studio interface. The main table displays COVID-19 data for various Indonesian locations. The right sidebar shows the 'Diagram' and 'Data' panels. The 'Data' panel lists available fields for the visualization.

	Location	New Cases
1.	DKI Jakarta	636.346
2.	Jawa Barat	440.379
3.	Jawa Tengah	285.348
4.	Jawa Timur	189.705
5.	Kalimantan Timur	83.762
6.	Riau	74.899
7.	Daerah Istimewa Yogyakarta	72.560
8.	Sulawesi Selatan	67.280
9.	Banten	41.600

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**Diagram**

SETUP GAYA

Rentang tanggal otomatis  
Rentang tanggal perbandingan  
Tidak ada

Filter  
Filter Tabel  
Location filter  
+ TAMBAHKAN FILTER

Interaksi diagram  
Lintas-filter

**Data**

Telusuri

covid\_19\_indonesia\_time\_...

- 123 Area (km2)
- ABC Case Fatality Rate
- ABC Case Recovered Rate
- ABC City or Regency
- ABC Continent
- ABC Country
- ABC Date
- ABC Growth Factor of New Cases
- ABC Growth Factor of New Deaths
- ABC Hidden
- ABC Island
- ABC Item
- ABC Kind
- 123 Latitude
- ABC Location
- ABC Location ISO Code
- ABC Location Level

# STEP 12

Ubah nama New Cases pada menu matrik dengan nama Total Cases.

The screenshot shows the Data Studio interface with a table of COVID-19 cases. The table has two columns: 'Location' and 'Total Cases'. The 'Total Cases' column is highlighted, and a configuration menu is open, showing the aggregation set to 'Total' and the source column as 'New Cases'.

	Location	Total Cases
1.	DKI Jakarta	636.346
2.	Jawa Barat	440.379
3.	Jawa Tengah	285.348
4.	Jawa Timur	189.705
5.	Kalimantan Timur	83.762
6.	Riau	74.899
7.	Daerah Istimewa Yogyakarta	72.560
8.	Sulawesi Selatan	67.280
9.	Rantan	41.600

1 - 33 / 33

Aggregasi

- ☒ Total
- ☐ Rata-rata
- ☐ Jumlah
- ☐ Jumlah Berbeda
- ☐ Min.
- ☐ Maks.
- ☐ Median
- ☐ Simpangan Baku
- ☐ Variansi

Jenis

Angka

Penghitungan perbandingan

Tidak ada

Penghitungan yang berjalan

Tidak ada

Data

Telusuri

covid\_19\_indonesia\_time\_...

123 Area (km2)

ABC Case Fatality Rate

ABC Case Recovered Rate

ABC City or Regency

ABC Continent

ABC Country

ABC Date

ABC Growth Factor of New Cases

ABC Growth Factor of New Deaths

ABC Hidden

ABC Island

ABC Item

ABC Kind

123 Latitude

ABC Location

ABC Location ISO Code

ABC Location Level

Tambahkan Data

Laporan Tanpa Judul

File Edit Tampilan Sisipkan Halaman Atur Aset Bantuan

Reset Bagikan Lihat

Add page Tambahkan data Tambahkan diagram Tambahkan kontrol Tema dan tata letak

	Location	Total Cases
1.	DKI Jakarta	636.346
2.	Jawa Barat	440.379
3.	Jawa Tengah	285.348
4.	Jawa Timur	189.705
5.	Kalimantan Timur	83.762
6.	Riau	74.899
7.	Daerah Istimewa Yogyakarta	72.560
8.	Sulawesi Selatan	67.280
9.	Banten	41.400

1 - 33 / 33

Tabel

SETUP GAYA

GABUNGAN DATA

Dimensi Rentang Tanggal

Date

Dimensi

Location

Tambahkan dimensi

Lihat perincian

Data

Telusuri

covid\_19\_indonesia\_time\_...

Area (km2)

Case Fatality Rate

Case Recovered Rate

City or Regency

Continent

Country

Date

Growth Factor of New Cases

Growth Factor of New Deaths

Hidden

Island

Item

Kind

Latitude

Location

Location ISO Code

Location Level

Tambahkan Data

# STEP 13

Lanjut kita ubah tabel ke dalam bentuk maps dengan cara klik bagian diagram lalu pilih peta bidang.



# STEP 14

Setelah tabel berubah menjadi gambar dibawah, selanjutnya kita ubah pada menu lokasi negara menjadi provinsi.

The screenshot displays the Google Data Studio interface. The main view is a map of Indonesia, with various islands and surrounding waters labeled. The map is titled 'Google Maps' and includes a 'Record Count' of 15,788. The right-hand panel shows the 'Data' section with a search bar and a list of fields. The 'SETUP' tab is active, showing the data source 'covid\_19\_indonesia\_time\_se...' and the dimension 'Date'. The 'GAYA' tab is also visible. The bottom of the panel shows the 'Kolom' (Columns) section with 'Country' selected.

Browser tabs: (12) WhatsApp, Presentasi Dasar Sederhana Hijau, Tugas Data Visualisasi, Laporan Tanpa Judul

URL: datastudio.google.com/reporting/6504631e-f77e-4741-b7f9-a2bb68fbfe90/page/CNH2C/edit

Page Title: Laporan Tanpa Judul

Menu: File, Edit, Tampilan, Sisipkan, Halaman, Atur, Aset, Bantuan

Buttons: Reset, Bagikan, Lihat

Toolbar: Add page, Tambahkan data, Tambahkan diagram, Tambahkan kontrol, Tema dan tata letak

Map Labels: Thailand, Palawan, Negros, Mindanao, Basilan, Laut Sulawesi, Laut Jawa, Laut Banda, Laut Arafura, Laut Timor, Laut Bismarck, Singapura, Malaysia, Indonesia, Papua Nugini

Record Count: 15.788

Google Maps

Data

Telusuri

covid\_19\_indonesia\_time\_...

123 Area (km2)

ABC Case Fatality Rate

ABC Case Recovered Rate

ABC City or Regency

ABC Continent

ABC Country

ABC Date

ABC Growth Factor of New Cases

ABC Growth Factor of New Deaths

ABC Hidden

ABC Island

ABC Item

ABC Kind

123 Latitude

ABC Location

ABC Location ISO Code

ABC Location Level

SETUP

GAYA

Sumber data

covid\_19\_indonesia\_time\_se...

GABUNGAN DATA

Dimensi Rentang Tanggal

Date

Kolom

Lokasi

Country

Tambahkan Data



# STEP 15

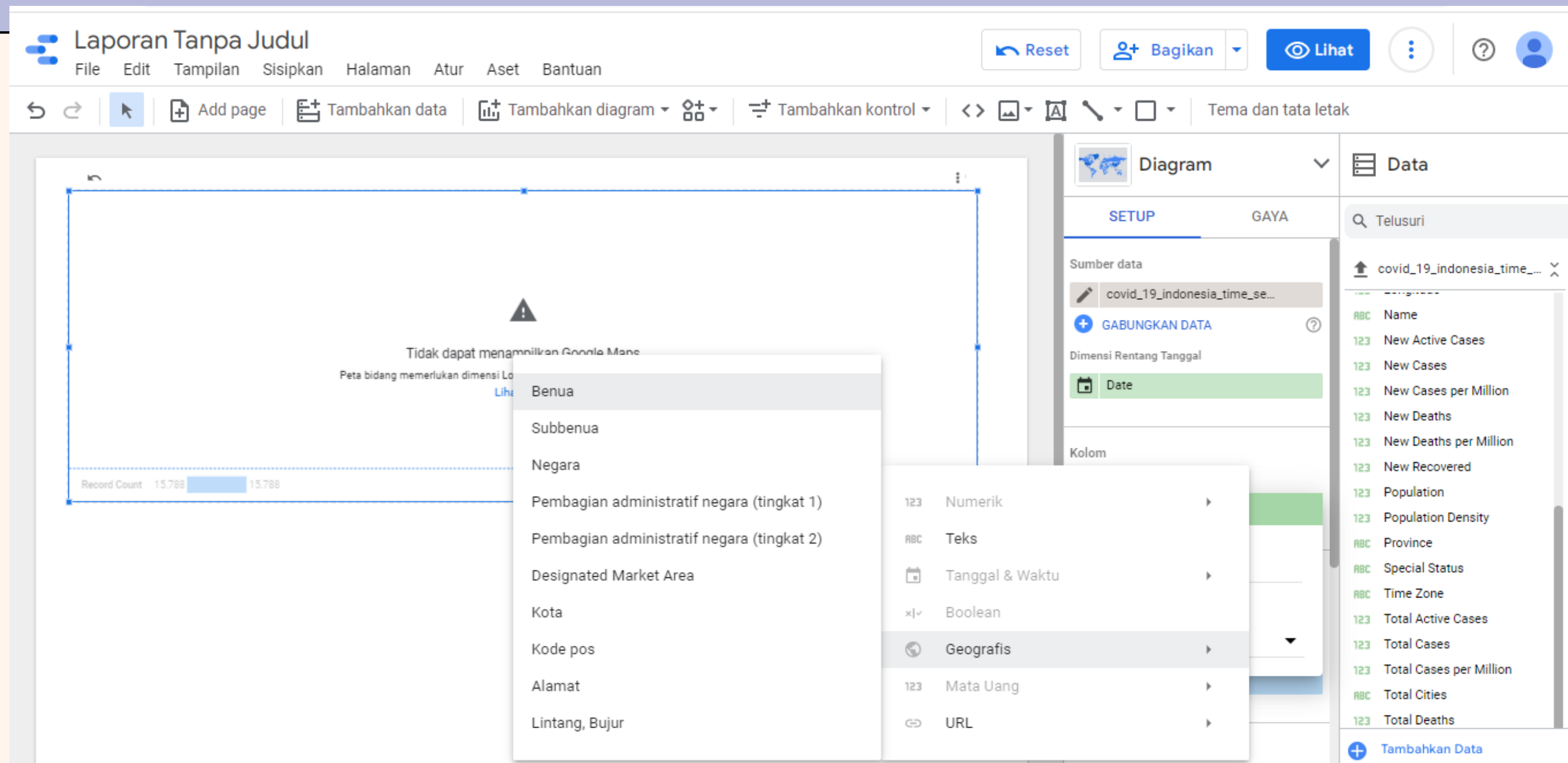
Apabila error seperti dibawah, untuk mengatasinya yaitu mengubah tipe data Provinsi dari teks menjadi Geografis di menu Sumber Data.

The screenshot shows the Google Data Studio interface. The main canvas displays an error message: "Tidak dapat menampilkan Google Maps. Peta bidang memerlukan dimensi Lokasi untuk ditetapkan ke jenis Geografis." (Cannot display Google Maps. Map area requires a Location dimension to be set to the Geographic type). Below the error message is a "Lihat detail" (View details) link. The right-hand sidebar contains the "Data" panel, which lists various dimensions and metrics for the "covid\_19\_indonesia\_time..." data source. The "Sumber data" (Data Source) configuration panel is open, showing the "Dimensi Rentang Tanggal" (Date Range Dimension) set to "Date". The "Kolom" (Columns) section shows "Provinsi" (Province) selected as a dimension.

Google Data Studio interface showing an error message: "Tidak dapat menampilkan Google Maps. Peta bidang memerlukan dimensi Lokasi untuk ditetapkan ke jenis Geografis." (Cannot display Google Maps. Map area requires a Location dimension to be set to the Geographic type).

The interface includes a top navigation bar with tabs for "Laporan Tanpa Judul" (Untitled Report), "Tugas Data Visualisasi" (Data Visualization Task), and "Presentasi Dasar Sederhana Hijau" (Simple Basic Presentation Green). The main toolbar includes options like "Add page", "Tambahkan data" (Add data), "Tambahkan diagram" (Add diagram), and "Tambahkan kontrol" (Add control).

The right sidebar shows the "Data" panel with a search bar and a list of dimensions and metrics for the "covid\_19\_indonesia\_time..." data source. The "Sumber data" (Data Source) configuration panel is open, showing the "Dimensi Rentang Tanggal" (Date Range Dimension) set to "Date". The "Kolom" (Columns) section shows "Provinsi" (Province) selected as a dimension.

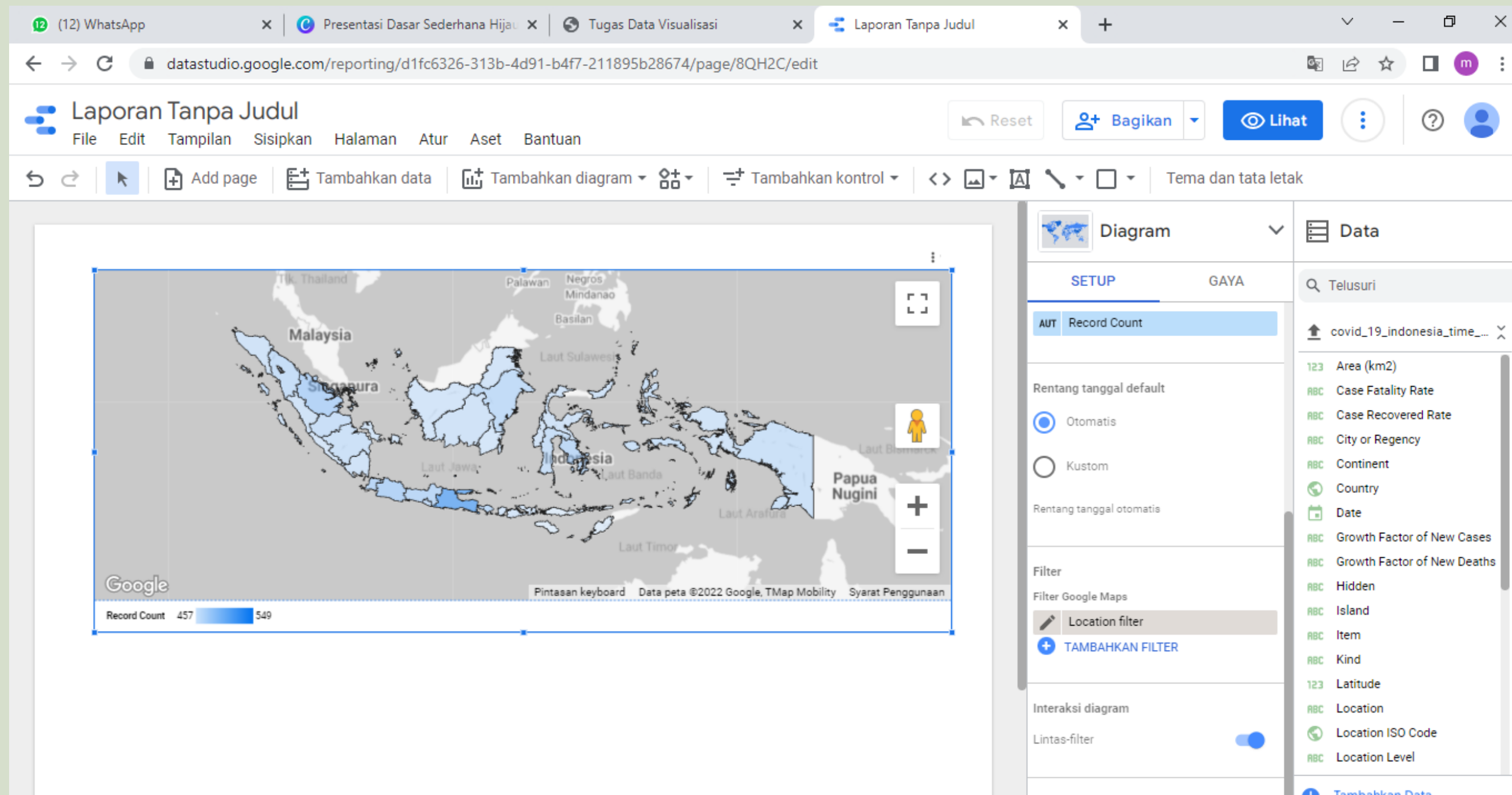


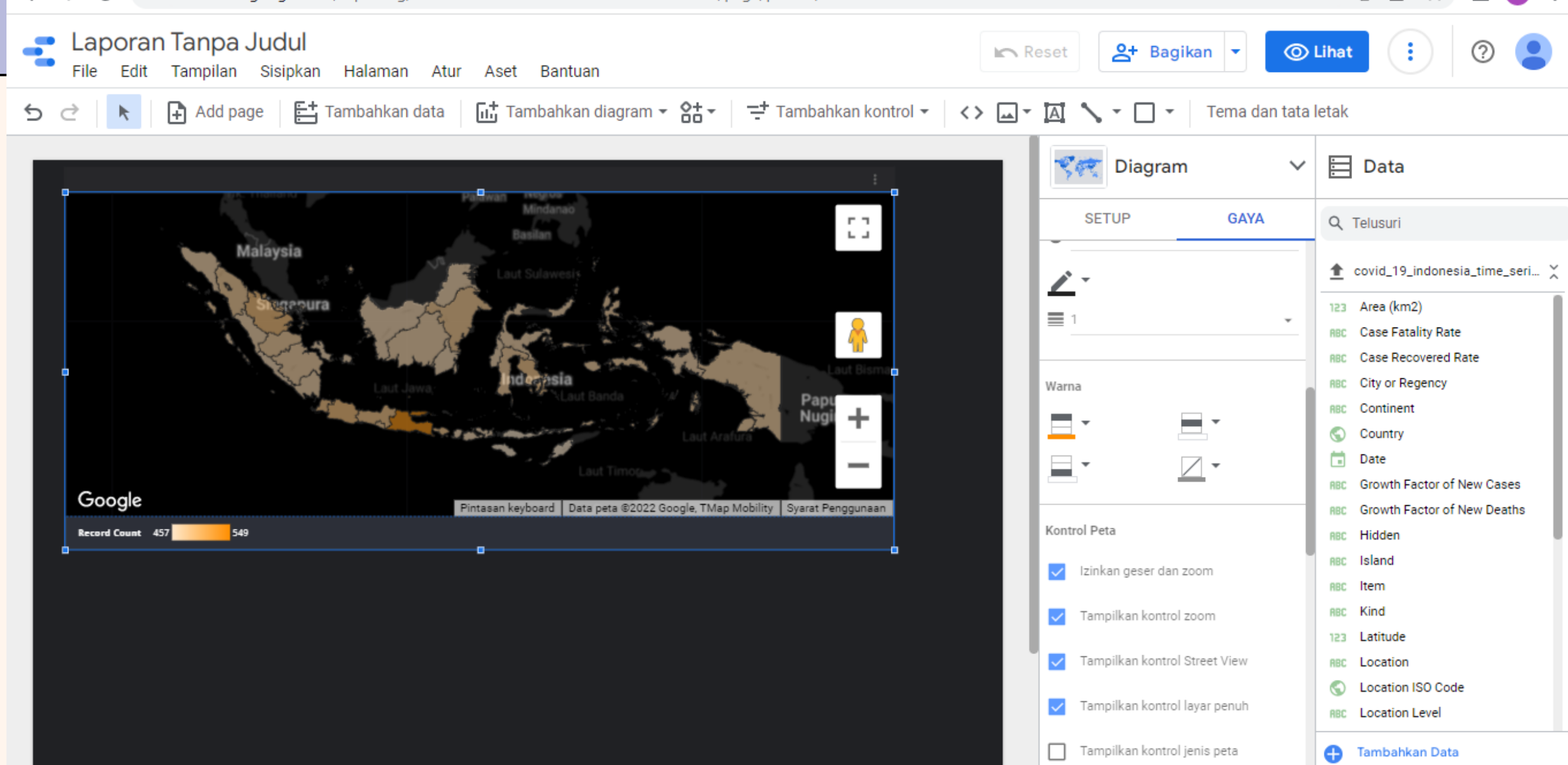
## STEP 16

Selanjutnya atur seperti gambar diatas dan klik selesai.

# STEP 17

Jika sudah  
tampilan akan  
seperti ini.





# STEP 18

Kita juga dapat mengubah tema, gaya dan juga warna pada map yang kita buat.

# STEP 19

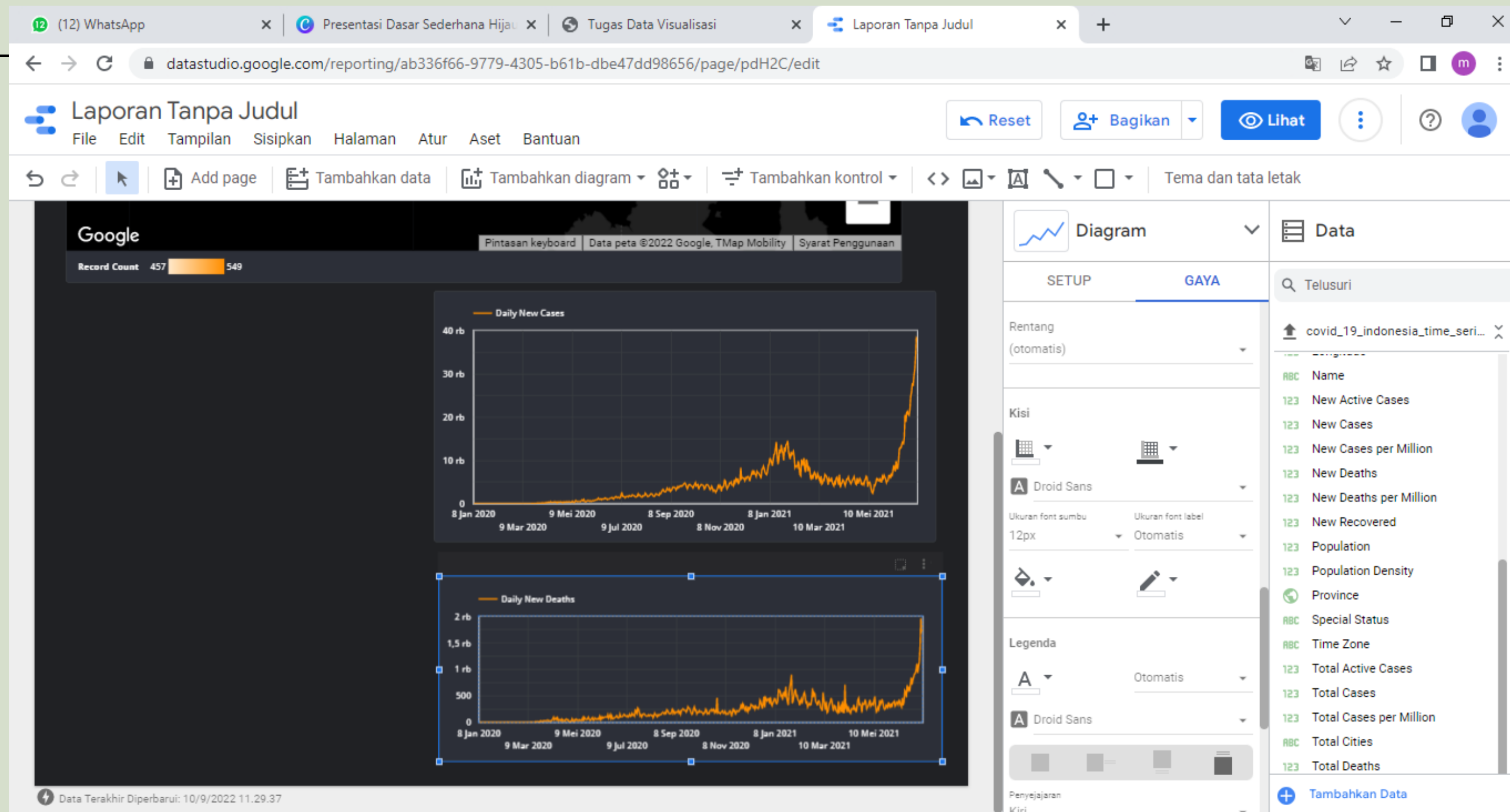
Kita juga dapat menambahkan diagram rangkaian waktu.

The screenshot displays the Google Data Studio interface. The top navigation bar includes tabs for WhatsApp, Presentasi Dasar Sederhana Hijau, Tugas Data Visualisasi, and Laporan Tanpa Judul. The main toolbar shows options like 'Add page', 'Tambahkan data', 'Tambahkan diagram', 'Tambahkan kontrol', and 'Tema dan tata letak'. The 'Tambahkan diagram' menu is open, showing a list of chart types: Tabel, Kartu skor, Rangkaian waktu, Batang, Lingkaran, Google Maps, Diagram geografis, Garis, Area, and Sebar. The 'Rangkaian waktu' option is highlighted. The background shows a map of Indonesia with a 'Record Count' of 457 to 549. The right sidebar contains the 'Diagram' and 'Data' panels. The 'Data' panel lists various fields for 'covid\_19\_indonesia\_time\_seri...', including Area (km2), Case Fatality Rate, Case Recovered Rate, City or Regency, Continent, Country, Date, Growth Factor of New Cases, Growth Factor of New Deaths, Hidden, Island, Item, Kind, Latitude, Location, Location ISO Code, and Location Level. The 'Diagram' panel shows the 'GAYA' (Style) tab with options for 'Warna' (Color) and 'Kontrol Peta' (Map controls).



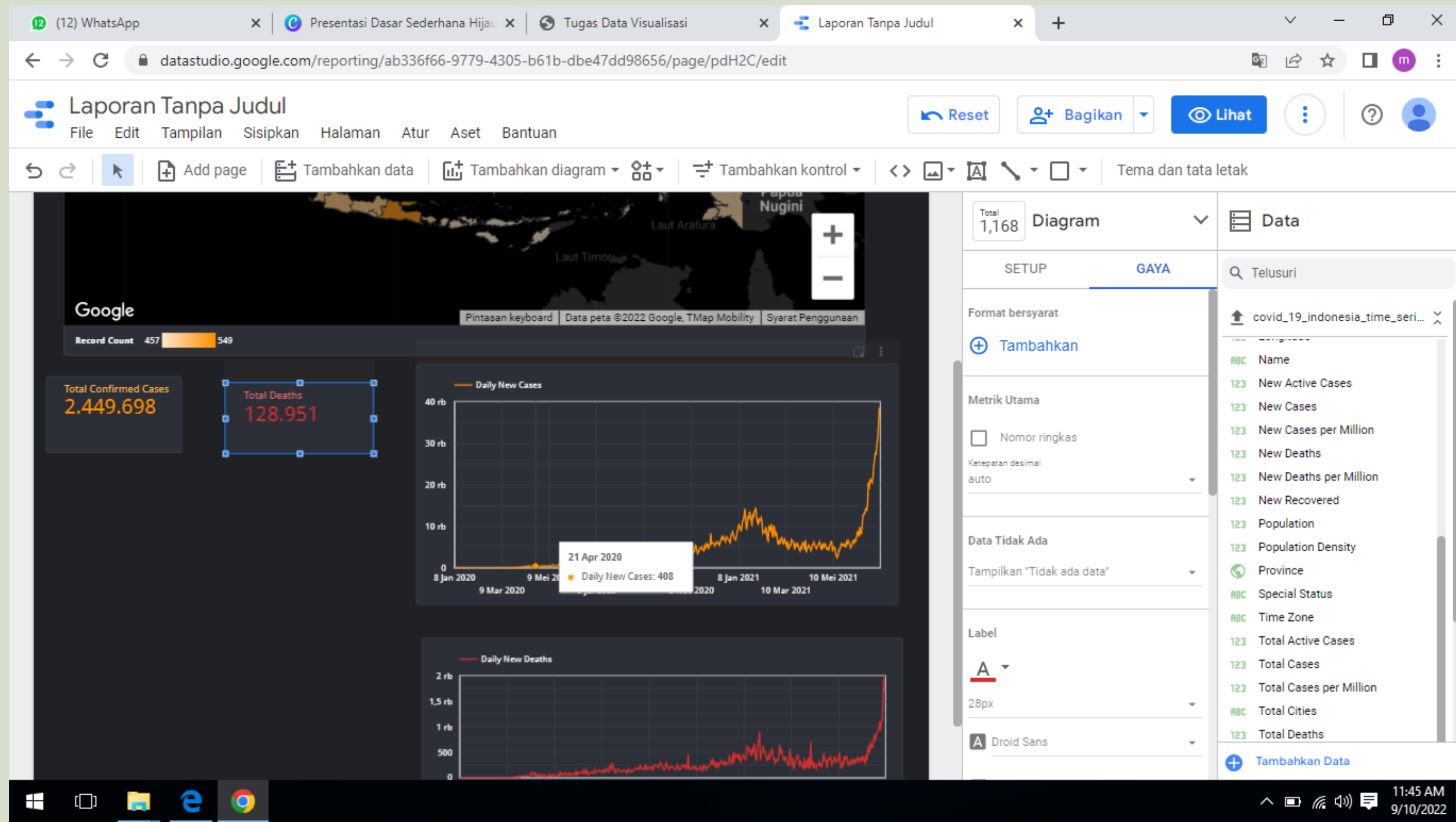
# STEP 20

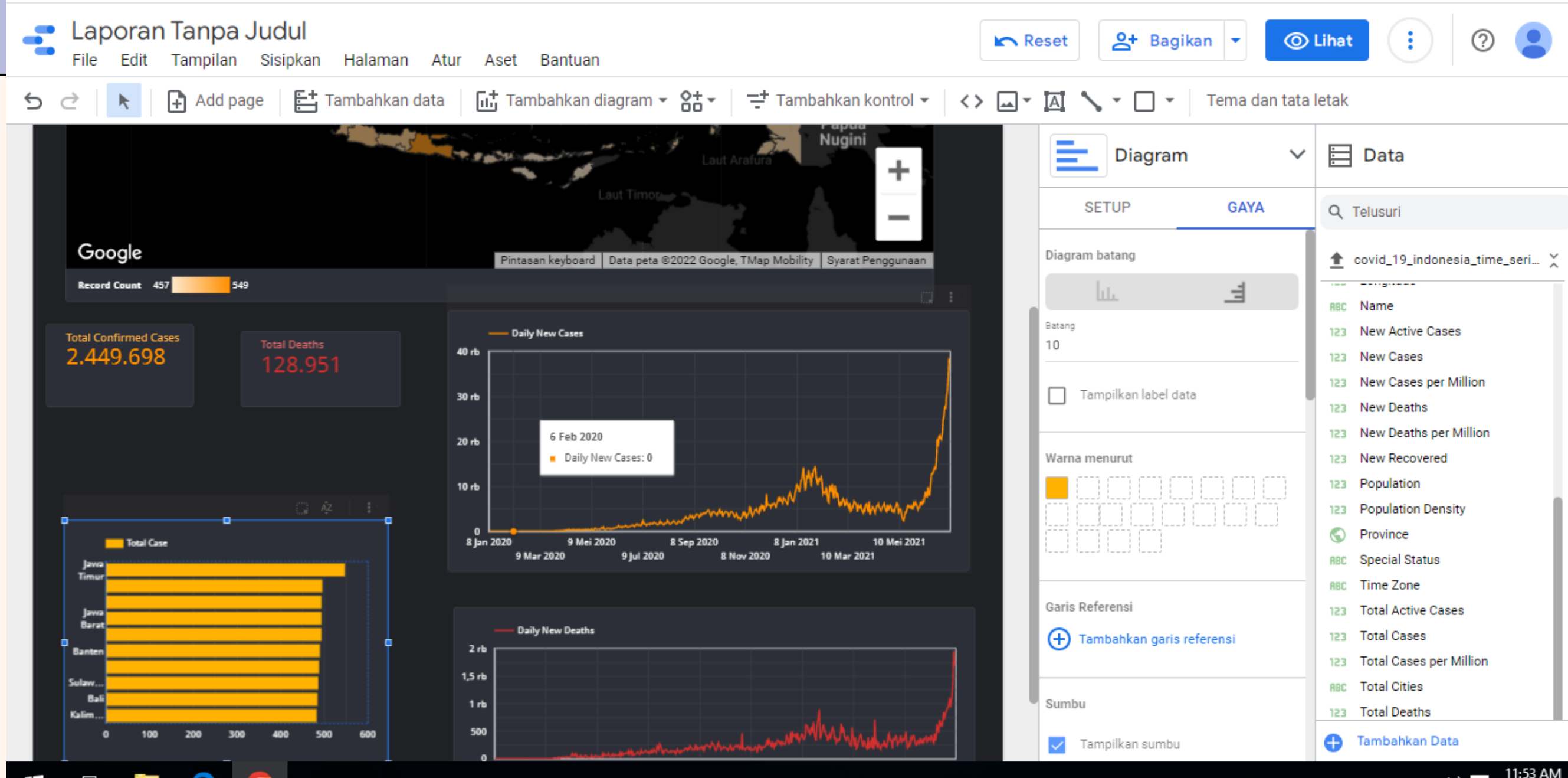
Lanjut kita menambahkan diagram Daily New Cases dan Daily New Deaths



# STEP 21

Lalu kita juga menambahkan diagram untuk memberikan informasi total cases dan total deaths





## STEP 22

Terakhir kita dapat menambahkan diagram batang untuk melihat urutan provinsi dengan jumlah kasus terbanyak.



# STEP 23

Berikut tampilan dari  
Data Visualisasi  
COVID-19 di Indonesia.



# Referensi

01

Youtube :  
<https://www.youtube.com/watch?v=Nq0MJ1FLA>

02

Dataset :  
<https://www.kaggle.com/datasets/hendratno/covid19-indonesia>

03

Link Google Data Studio :  
<https://datastudio.google.com/reporting/ab336f66-9779-4305-b61b-dbe47dd98656/page/pdH2C>