

# GOOGLE DATA STUDIO

Yani Maila Santi  
Class : JumaTec

# BIODATA

Halo!!

Saya Yani Maila Santi dari UPN Veteran Jawa Timur. Saat ini saya sedang menempuh semester 5 dengan program studi Administrasi Bisnis.

Saya memiliki pengalaman dalam bidang kewirausahaan. Saya juga memiliki keahlian dalam mengelola keuangan.



ym36767@gmail.com

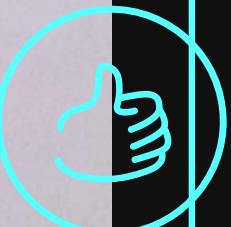
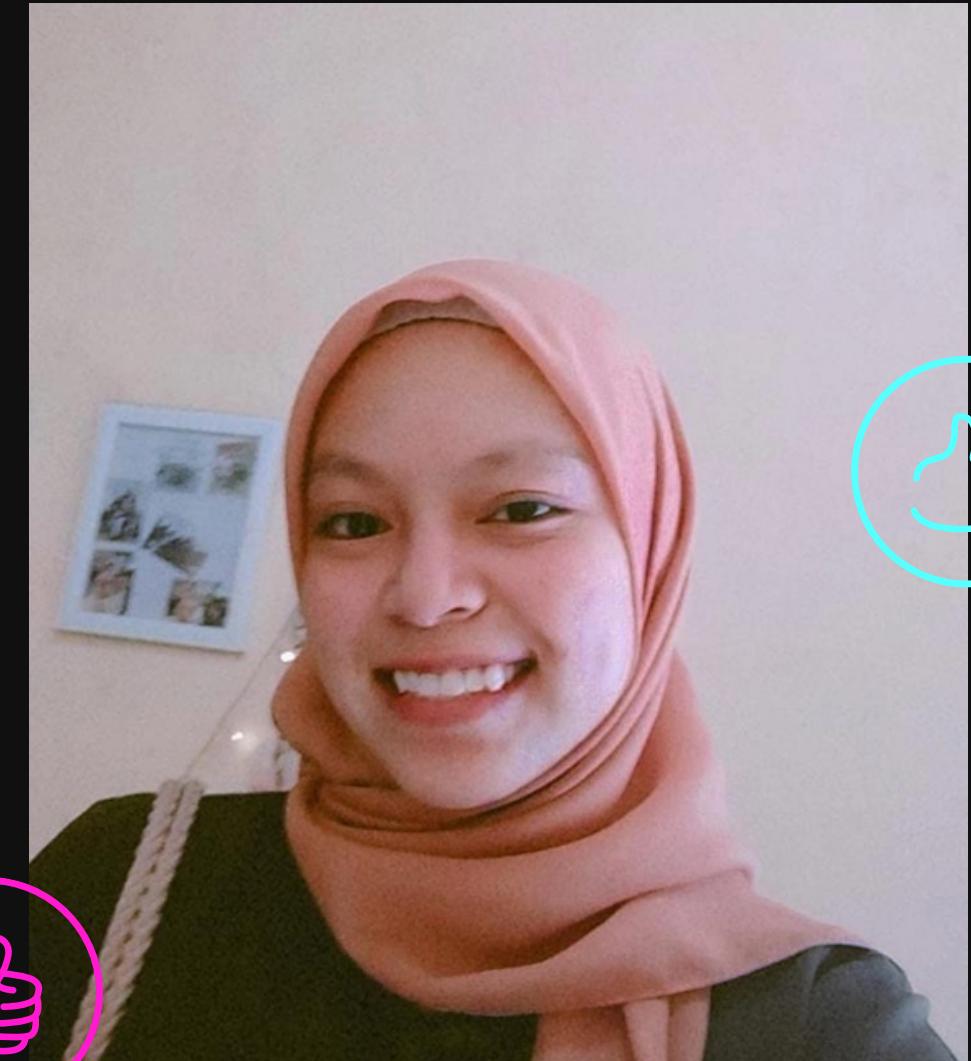


<https://github.com/yanimaila>

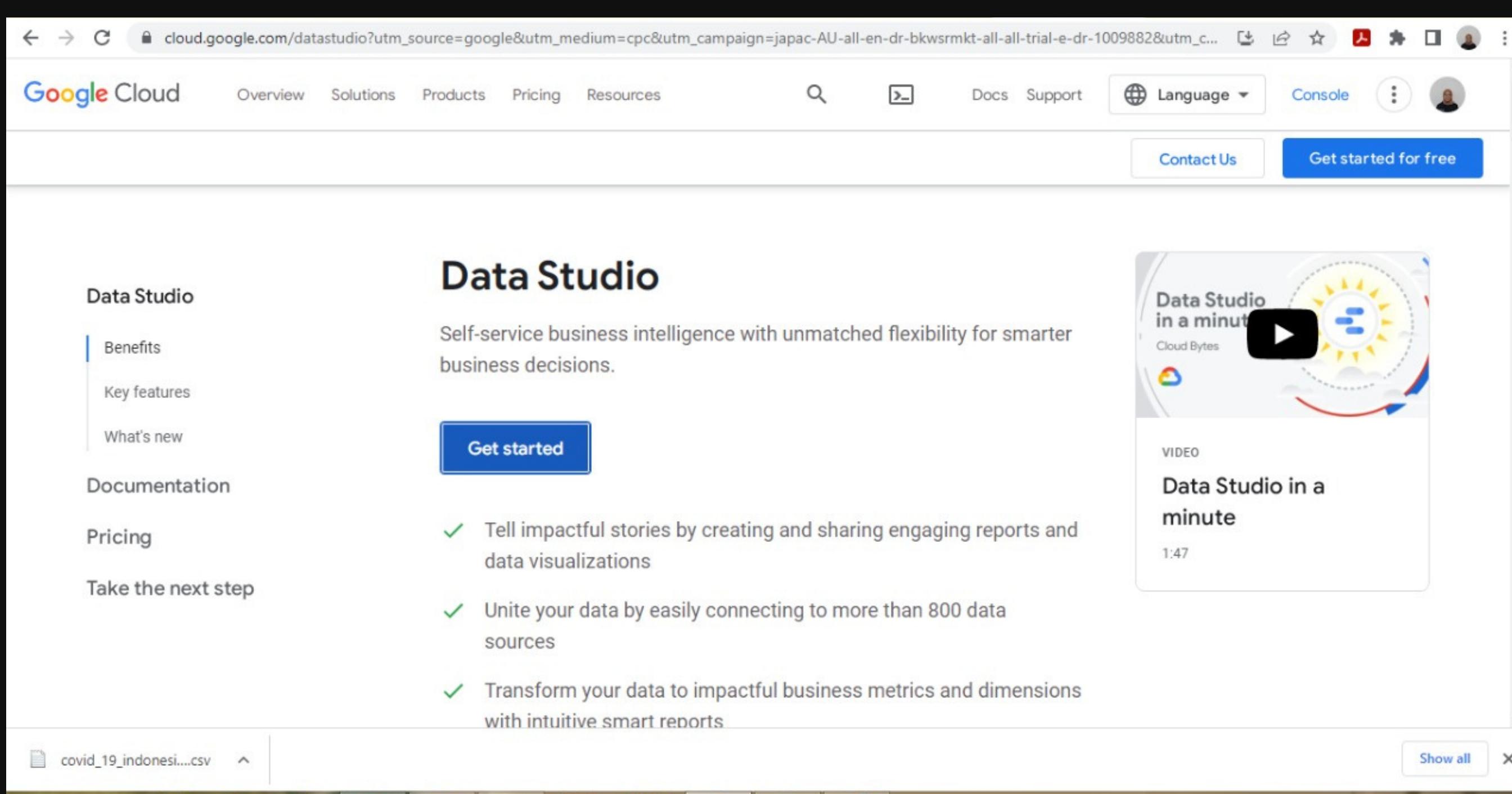


@ynimlasnti

**Yani Maila Santi**



# STEP 1



The screenshot shows the Google Data Studio landing page. At the top, there's a navigation bar with links for Overview, Solutions, Products, Pricing, Resources, Docs, Support, Language, Console, Contact Us, and Get started for free. On the left, a sidebar titled "Data Studio" includes links for Benefits, Key features, What's new, Documentation, Pricing, and Take the next step. The main content area features the title "Data Studio" and a subtitle: "Self-service business intelligence with unmatched flexibility for smarter business decisions." Below this is a "Get started" button. To the right, there's a video player showing a thumbnail for a video titled "Data Studio in a minute" from Cloud Bytes, which is 1:47 long. At the bottom, there's a file preview for "covid\_19\_indonesi....csv" and a "Show all" button.

Untuk bisa melihat halaman diatas, teman-teman bisa mensearching data studio pada google. Setelah itu login, lalu klik "Get Started" agar bisa mengoperasikan data studio.

# STEP 2

The screenshot shows the Google Data Studio homepage. At the top, there is a navigation bar with icons for back, forward, refresh, and search, followed by the URL 'datastudio.google.com/u/0/'. Below the URL is the 'Data Studio' logo and a search bar labeled 'Search Data Studio'. To the right of the search bar are icons for help, settings, and user profile.

Below the navigation bar, there are four tabs: 'Terbaru' (Latest), 'Laporan' (Report) which is highlighted in blue, 'Sumber data' (Data Sources), and 'Penjelajah' (Browser). On the left side, there is a sidebar with a 'Buat' (Create) button, a dropdown menu for 'Laporan' (Report), 'Sumber data' (Data Sources), and 'Penjelajah' (Browser) marked as 'BETA'. Other options in the sidebar include 'Sampah' (Trash) and 'Template'.

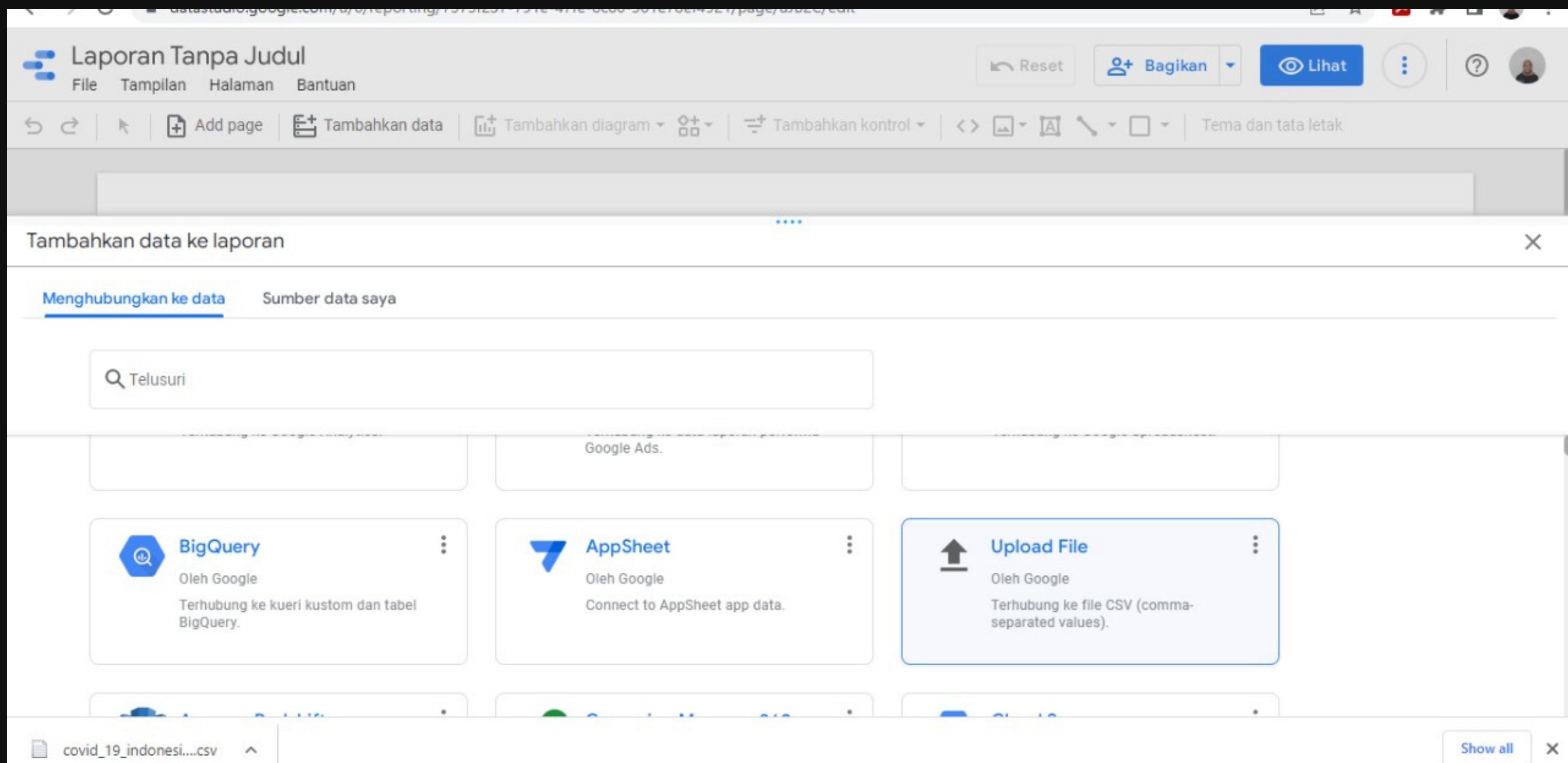
The main content area is titled 'Mulai dengan Template' (Start with a template). It features several template cards:

- 'Laporan Kosong Data Studio': A card with a large orange plus sign icon.
- 'Laporan Tutorial Data Studio': A card showing a preview of a report with sections like 'Learn how to view, edit and create a Data Studio report', 'How many sessions per day?', and 'What are the top countries by sessions?'.
- 'Pemasaran Acme Google Analytics': A card showing a preview of a report for 'ACME Marketing Plan Services' with metrics like 'Users: 53,206', 'Sessions: 66,104', and a world map.
- 'Search Console Report Search Console': A card showing a preview of a report for 'Google Search Console' with metrics like 'Pages: 1,000', 'Visitors: 21,28', and a bar chart.

At the bottom of the page, there are filters for 'Nama' (Name), 'Milik siapa saja' (Who owns it), and 'Terakhir saya buka' (Last time I opened it).

Setelah berhasil masuk, akan tampak halaman seperti ini, kemudian klik "tambah laporan kosong"

# STEP 3



Selanjutnya, klik "upload file" dan pilih file yang akan di upload

# STEP 4

The screenshot shows the Google Data Studio interface. At the top, the URL is datastudio.google.com/u/0/reporting/7575f237-791e-47fe-8c80-501e78ef4921/page/uJB2C/edit. The title of the report is "Laporan Tanpa Judul". The toolbar includes options like "Reset", "Bagikan", "Lihat", and "Tema dan tata letak". Below the toolbar, there are buttons for "Add page", "Tambahkan data", "Tambahkan diagram", and "Tambahkan kontrol". A search bar is also present.

The main area is titled "Tambahkan data ke laporan" and shows a file named "covid\_19\_indonesia\_time\_series\_all.csv" has been uploaded. The file details are:

UKURAN FILE TOTAL	JUMLAH FILE	TANGGAL PEMBUATAN	TANGGAL TERAKHIR DIUBAH
4 MB (4% dari 100 MB digunakan)	1	9/8/22 3:58 PM	9/8/22 3:58 PM

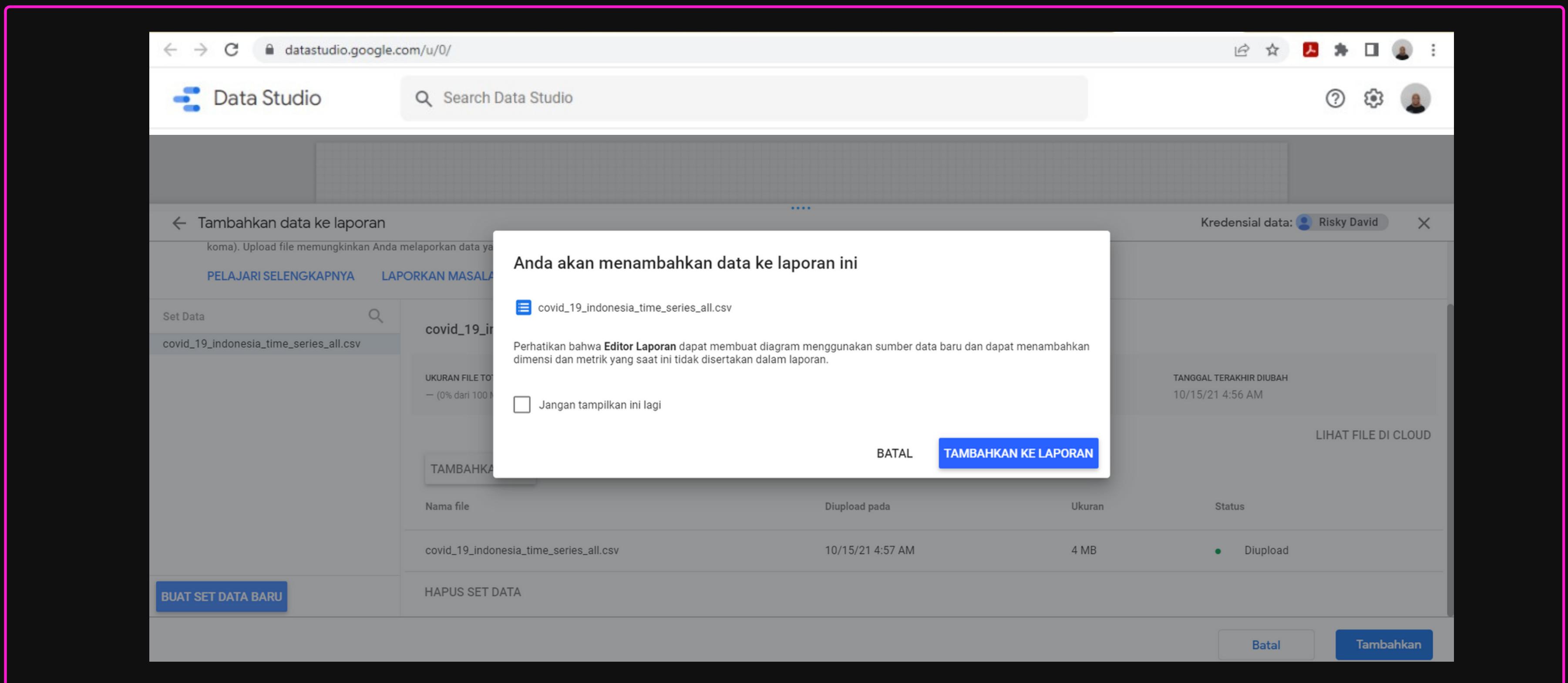
A "LIHAT FILE DI CLOUD" button is available. Below this, a table lists the uploaded file:

Nama file	Diupload pada	Ukuran	Status
covid_19_indonesia_time_series_all.csv	9/8/22 3:58 PM	4 MB	Diupload

At the bottom right of the table are "Batal" and "Tambahkan" buttons. On the left side, there is a "Set Data" sidebar with the file name "covid\_19\_indonesia\_time\_series\_all.csv" selected. A "TAMBAHKAN FILE" button is also visible.

Apabila sudah memilih dan berhasil upload data, maka klik "tambahkan"

# STEP 5



Kemudian akan muncul tampilan seperti ini, kemudian klik "tambahkan ke laporan"

# STEP 6

Apabila sudah berhasil ditambahkan maka akan muncul tampilan seperti berikut.

The screenshot shows the Google Data Studio interface during the configuration process. On the left, there is a table titled "Record Count" with two columns: "Date" and "Record Count". The table contains 10 rows of data, all showing the value "34". The "Date" column includes dates from "10/9/2020" to "7/4/2021". At the bottom of the table, it says "1 - 100 / 549".

The right side of the screen features the "Diagram" and "Data" panels. The "Diagram" panel is currently collapsed. The "Data" panel is expanded and displays the following configuration:

- Sumber data:** covid\_19\_indonesia\_time\_se...
- GABUNGKAN DATA:** (button)
- Dimensi Rentang Tanggal:** (button) Tambahkan dimensi
- Dimensi:** Date (selected)
- Tambahkan dimensi:** (button)
- Lihat perincian:** (toggle switch)
- Metrik:** Record Count (selected)
- Tambahkan metrik:** (button)

The sidebar on the right lists various dimensions and metrics, many of which are preceded by "RBC" (Region, Country, or Dimension). Some items are highlighted in green, such as "Date" and "Record Count".

At the bottom left, there is a file icon followed by "covid\_19\_indonesi...csv". At the bottom right, there are "Show all" and "X" buttons.

# STEP 7

Selanjutnya, pilih 'Location' pada bagian Dimensi dan pilih 'New Cases' pada bagian Matrik.

The screenshot shows the Google Data Studio interface with a report titled "Laporan Tanpa Judul". On the left, there is a table visualization showing new COVID-19 cases by location in Indonesia. The right side of the screen displays the "Diagram" and "Data" panels. In the "Diagram" panel, under the "Dimensi" section, the "Location" dimension is selected. In the "Data" panel, under the "Metrik" section, the "New Cases" metric is selected. Red arrows numbered 1 and 2 point to these respective cards.

Location	New Cases
Indonesia	477
DKI Jakarta	424
Jawa Barat	384
Jawa Tengah	380
Jawa Timur	329
Kalimantan Timur	278
Riau	248
Banten	240
Other/Unknown	290

# STEP 8

Untuk menghapus data Indonesia, cari bagian filter, lalu klik "tambah filter"

The screenshot shows a Google Data Studio report titled "Laporan Tanpa Judul". On the left, there is a table titled "New Cases" showing data for various locations in Indonesia. On the right, there is a sidebar with several sections: "Diagram" (Setup tab selected), "Data" (with a search bar and a list of data sources), "Filter" (with a "TAMBAHKAN FILTER" button), and "Interaksi diagram". A pink box highlights the "TAMBAHKAN FILTER" button in the Filter section.

Location	New Cases
1. Indonesia	477
2. DKI Jakarta	424
3. Jawa Barat	284
4. Jawa Tengah	280
5. Jawa Timur	229
6. Kalimantan Timur	278
7. Riau	248
8. Banten	240
9. Gorontalo Selatan	226

# STEP 9

Isi data sesuai dengan tampilan berikut, lalu klik "simpan"

The screenshot shows the Google Data Studio interface for creating a filter. On the left, there is a preview of a table titled "New Cases" showing data for various Indonesian locations. On the right, the "Pemilih filter" (Filter Selection) panel is open, showing a search bar and a list of available data sources. A specific source, "covid\_19\_indonesia\_time\_series\_all (2...)", is selected. Below the source list, a filter configuration is shown for the "Location" field. The filter is set to "Berisi" (Contains) and the value is "Indonesia". There are also options for "Kecualikan" (Exclude) and "ATAU" (OR). At the bottom, it says "Filter ini memiliki 1 klaus" (This filter has 1 clause) and there is a blue "SIMPAN" (Save) button.

Location	New Cases
1. Indonesia	477
2. DKI Jakarta	424
3. Jawa Barat	394
4. Jawa Tengah	380
5. Jawa Timur	329
6. Kalimantan Timur	278

Buat Filter

← Pemilih filter

Data

Telusuri

covid\_19\_indonesia\_time\_series\_all (2...)

RBC Area (km2)

RBC Case Fatality Rate

X TUTUP

Nama covid\_19\_indonesia\_time\_series\_all (2...)

Kecualikan **RBC Location** Berisi **Indonesia** ATAU

DAN

Filter ini memiliki 1 klaus SIMPAN

# STEP 10

The screenshot shows the Google Data Studio interface. On the left, there is a table component titled "Laporan Tanpa Judul". The table has two columns: "Location" and "Total Cases". The data is as follows:

Location	Total Cases
1. DKI Jakarta	424
2. Java Barat	284
3. Java Tengah	280
4. Java Timur	229
5. Kalimantan Timur	278
6. Riau	248
7. Banten	240
8. Sulawesi Selatan	229
9. Provinsi Nusa Tenggara	226

On the right, the configuration panel for the "SUM Total Cases" metric is visible. It includes sections for "DATA" and "GAYA". Under "DATA", the "Agregasi" section is set to "Total" (radio button selected). Other options include "Rata-rata", "Jumlah", "Jumlah Berbeda", "Min.", "Maks.", "Median", "Simpangan Baku", and "Variansi". The "Jenis" section is set to "Angka". Under "Penghitungan perbandingan", "Tidak ada" is selected. A sidebar on the right lists various data fields such as Date, Growth Factor of, Hidden, Island, Item, Kind, Latitude, Location, Location ISO Code, Location Level, Longitude, Name, New Active Case, New Cases, New Cases per M, New Deaths, New Deaths per M, New Recovered, and Population.

Selanjutnya, ubah nama 'New Cases' pada matrik menjadi 'Total Cases'

# STEP 11

The screenshot shows the Google Data Studio interface. On the left, there is a table titled "Laporan Tanpa Judul" with the following data:

Location	Total Cases
1. DKI Jakarta	424
2. Jawa Barat	384
3. Jawa Tengah	380
4. Jawa Timur	329
5. Kalimantan Timur	278
6. Riau	248
7. Banten	240
8. Sulawesi Selatan	239
9. Provinsi Indonesia	226

The right side of the screen features a sidebar with various chart and diagram options. The "Diagram > Tabel" section is currently selected, showing a grid of icons for different chart types. Below this, the "DATA" tab is active, displaying the source data and dimensions used in the report.

**Sumber data**

- covid\_19\_indonesia...
- + GABUNGKAN DATA

**Dimensi Rentang Tanggal**

- Date

**Dimensi**

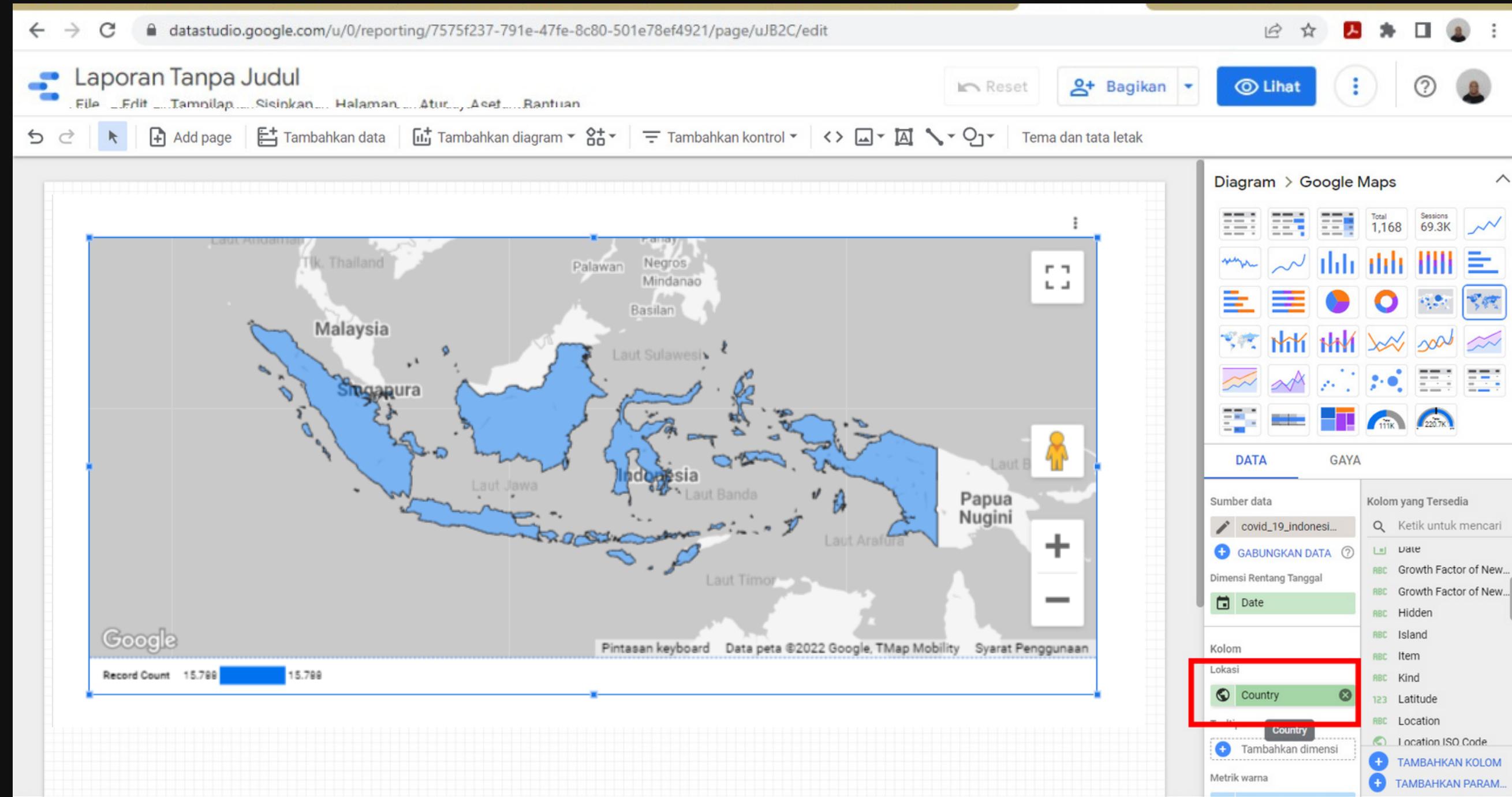
- Location
- + Tambahkan dimensi

**Kolom yang Tersedia**

- Ketik untuk mencari
- Date
- RBC Growth Factor of New...
- RBC Growth Factor of New...
- RBC Hidden
- RBC Island
- RBC Item
- RBC Kind
- 123 Latitude
- RBC Location
- Lihat perincian

Kemudian, ubah bentuk tabel menjadi bentuk maps dengan cara klik pada bagian diagram, lalu pilih peta bidang

# STEP 12



Setelah tampilan tabel berubah menjadi maps (peta), ubah bagian negara pada lokasi menjadi provinsi

# STEP 13

The screenshot shows a Google Data Studio report titled "Laporan Tanpa Judul". On the left, there is a large empty rectangular area with a blue border, representing a placeholder for a Google Maps card. A small warning icon (an exclamation mark) is centered in this area. Below the icon, the text "Tidak dapat menampilkan Google Maps" is displayed, followed by the subtitle "Peta bidang memerlukan dimensi Lokasi untuk ditetapkan ke jenis Geografis." and a link "Lihat detail". At the bottom left of the placeholder area, it says "Record Count 15.788". On the right side of the screen, there is a sidebar titled "Diagram > Google Maps" which contains various chart and map visualization options. Below this, the "DATA" tab is selected, showing the "Sumber data" section with a list of available data sources, including "covid\_19\_indonesia..." and "GABUNGKAN DATA". The "Lokasi" section shows "Province" selected. The "Kolom yang Tersedia" section lists various geographical and temporal dimensions.

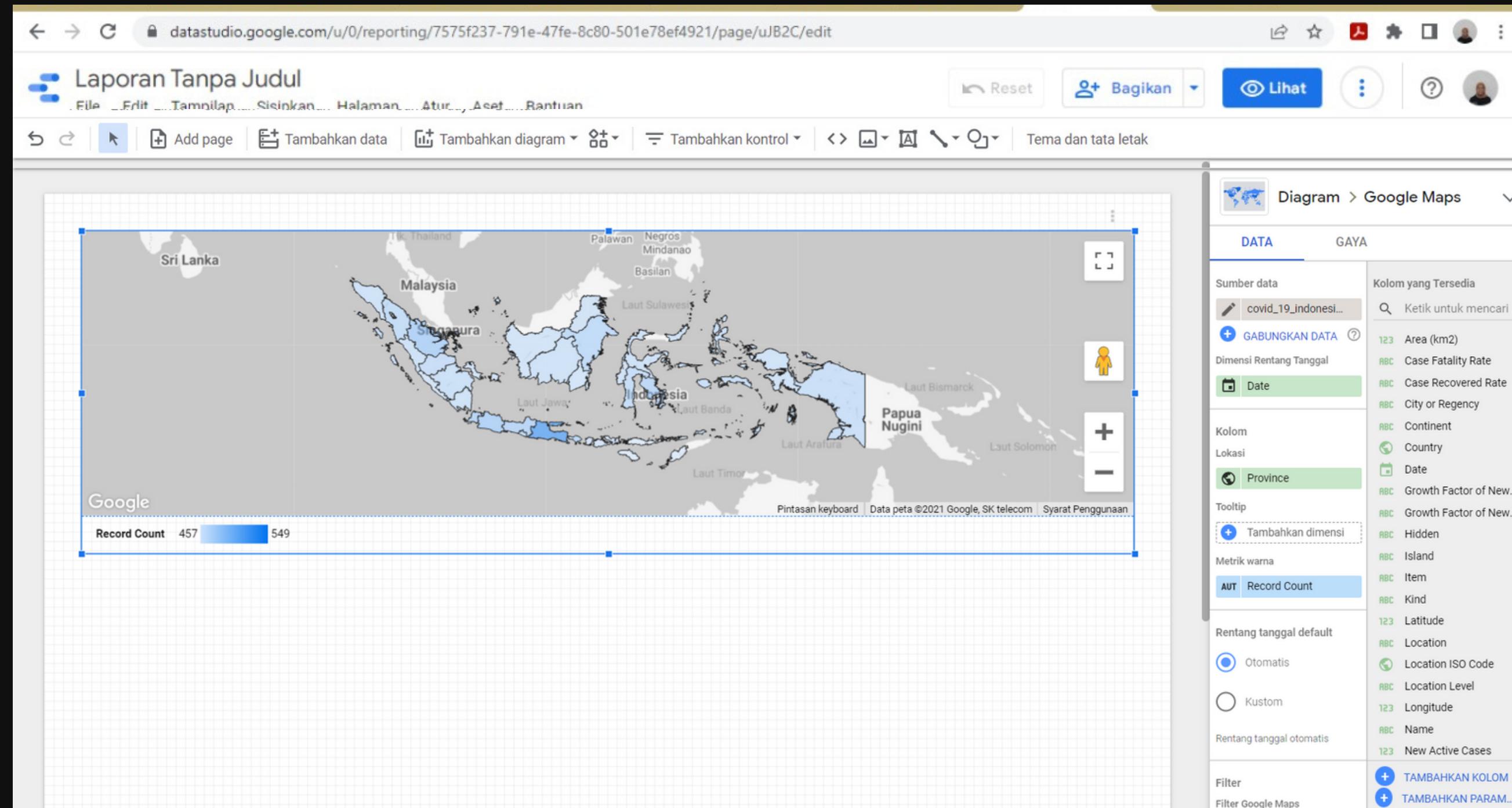
Apabila terjadi eror seperti diatas, ubah tipe data provinisi dari teks menjadi geografis pada menu sumber data

# STEP 14

The screenshot shows the Google Data Studio interface in edit mode. The top navigation bar includes links for Laporan Tanpa Judul, File, Edit, Tampilan, Sisipkan, Halaman, Atur, Aset, Bantuan, and various toolbar icons. The main workspace displays a large empty rectangular area with a grid pattern. To the right of the workspace is a sidebar titled "Diagram > Google Maps" containing a grid of chart preview icons. Below the workspace, the file path "covid\_19\_indonesia\_time\_series\_all.csv" is shown. On the left, there's a "EDIT KONEKSI" section with dropdown menus for "Bidang" and "Jenis". A modal window is open, listing data types: Benua, Subbenua, Negara, Numerik, Teks, Tanggal & Waktu, Boolean, Geografis, and Mata Uang. The "Geografis" option is currently selected. At the bottom of the interface, there are buttons for "TAMBAHKAN KOLOM" and "TAMBAHKAN PARAMETRUS".

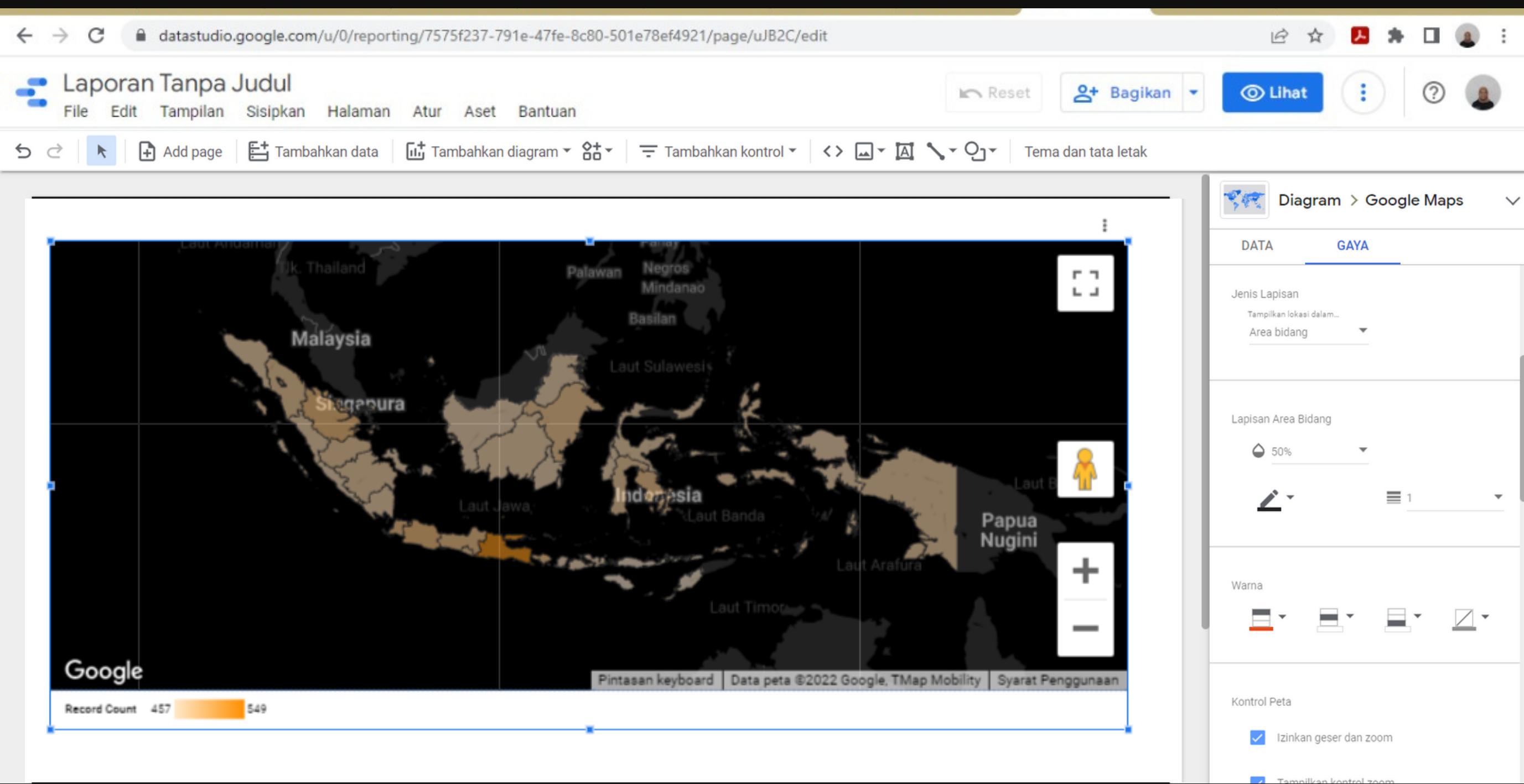
Selanjutnya, sesuaikan pilihan seperti gambar diatas

# STEP 15



Jika tampilannya sudah terlihat seperti ini, maka eror nya sudah berhasil diatasi

# STEP 16



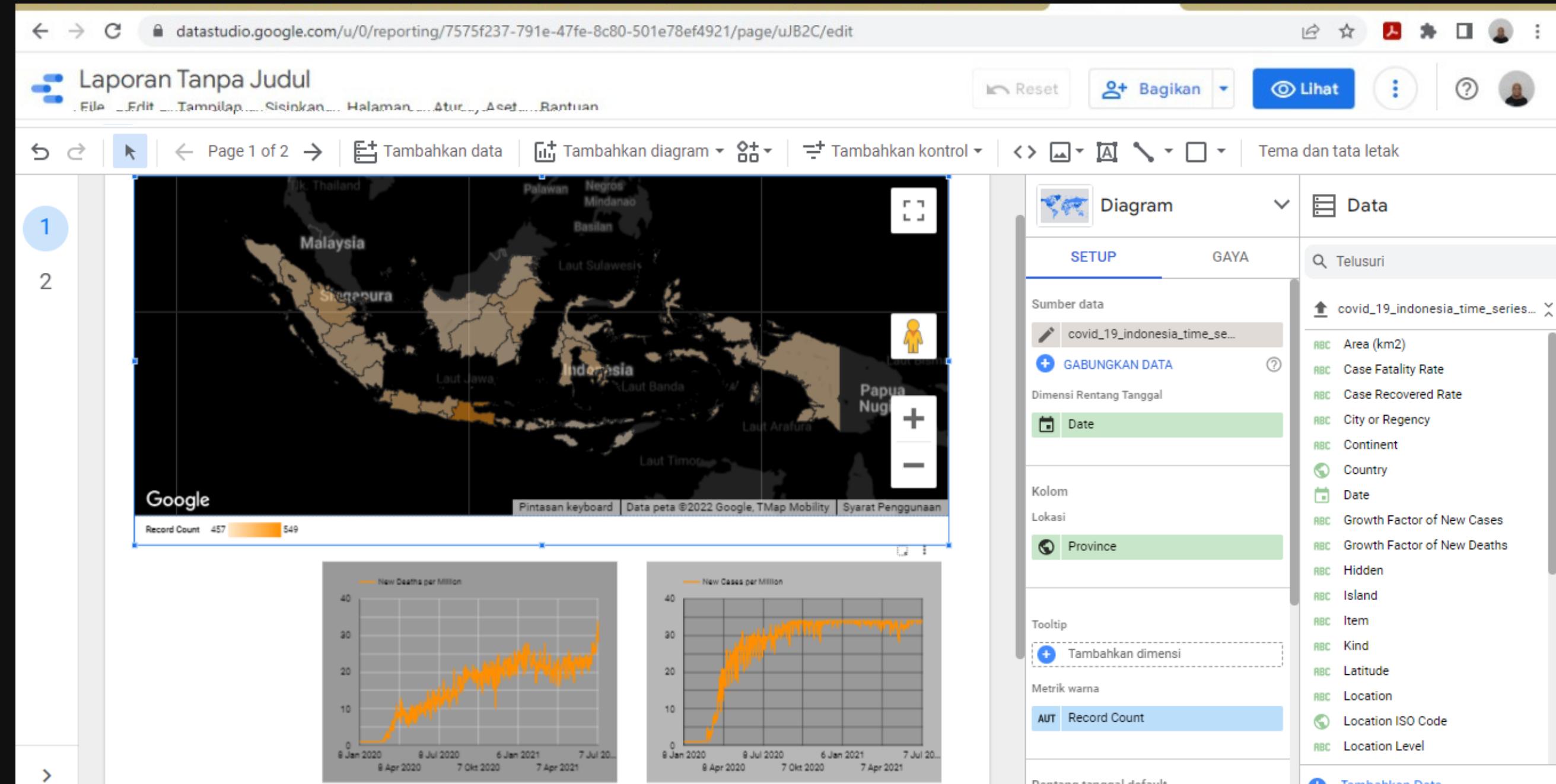
Tema pada maps juga dapat dirubah menjadi gelap seperti gambar diatas. Untuk mengubah tema dapat dilakukan pada bagian 'gaya'

# STEP 17

The screenshot shows the Google Data Studio interface. On the left, there is a map of Southeast Asia with a legend at the bottom indicating 'Record Count' from 457 to 549. To the right of the map is a sidebar with various charting options: Tabel, Kartu skor, Rangkaian waktu, Diagram deret waktu, Lingkaran, Google Maps, Diagram geografis, Garis, Area, and Other. Above the sidebar are buttons for 'Tambahkan diagram' and 'Tambahkan kontrol'. To the right of the sidebar is a main panel titled 'Diagram' which contains 'SETUP' and 'GAYA' tabs. Under 'SETUP', there is a 'Sumber data' section with a dropdown menu showing 'covid\_19\_indonesia\_time\_se...'. Below it are sections for 'Dimensi Rentang Tanggal' (with 'Date' selected), 'Kolom' (with 'Province' selected), and 'Tooltip' (with a placeholder 'Tambahkan dimensi'). On the far right is a 'Data' sidebar containing a search bar 'Telusuri' and a list of metrics and dimensions, many of which are labeled in Indonesian. The list includes: 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, and Record Count.

Data studio ini, juga dapat membuat diagram, salah satunya yaitu diagram rangkaian waktu

# STEP 18



Selanjutnya, juga bisa menambahkan diagram lain seperti diagram New Cases per Million dan New Deaths per Million

# STEP 19

The screenshot shows a Google Data Studio report titled "Laporan Tanpa Judul". The report has two cards on the left: "Total Cases" (10.631) and "Total Deaths" (2.958). A sidebar on the right contains a "Data" panel with a search bar and a list of metrics. The list includes: 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, and a "Tambahkan Data" button.

Laporan Tanpa Judul

Total Cases  
10.631

Total Deaths  
2.958

Mari kita mulai

Tarik kolom dari Panel Data ke kanvas untuk menambahkan diagram baru atau pilih komponen di kanvas laporan untuk mengeditnya.

Data

Telusuri

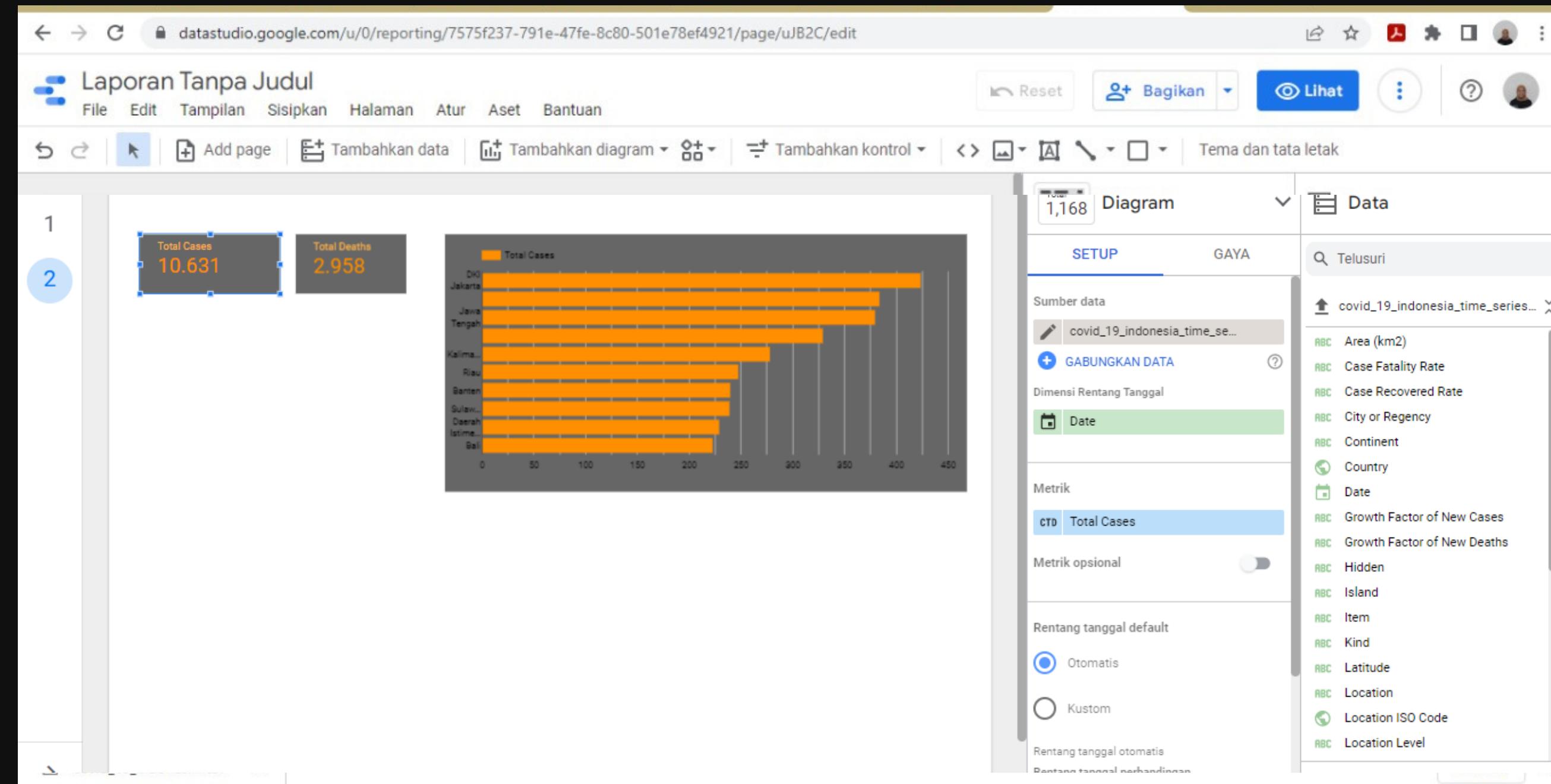
covid\_19\_indonesia\_time\_series...

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

+ Tambahkan Data

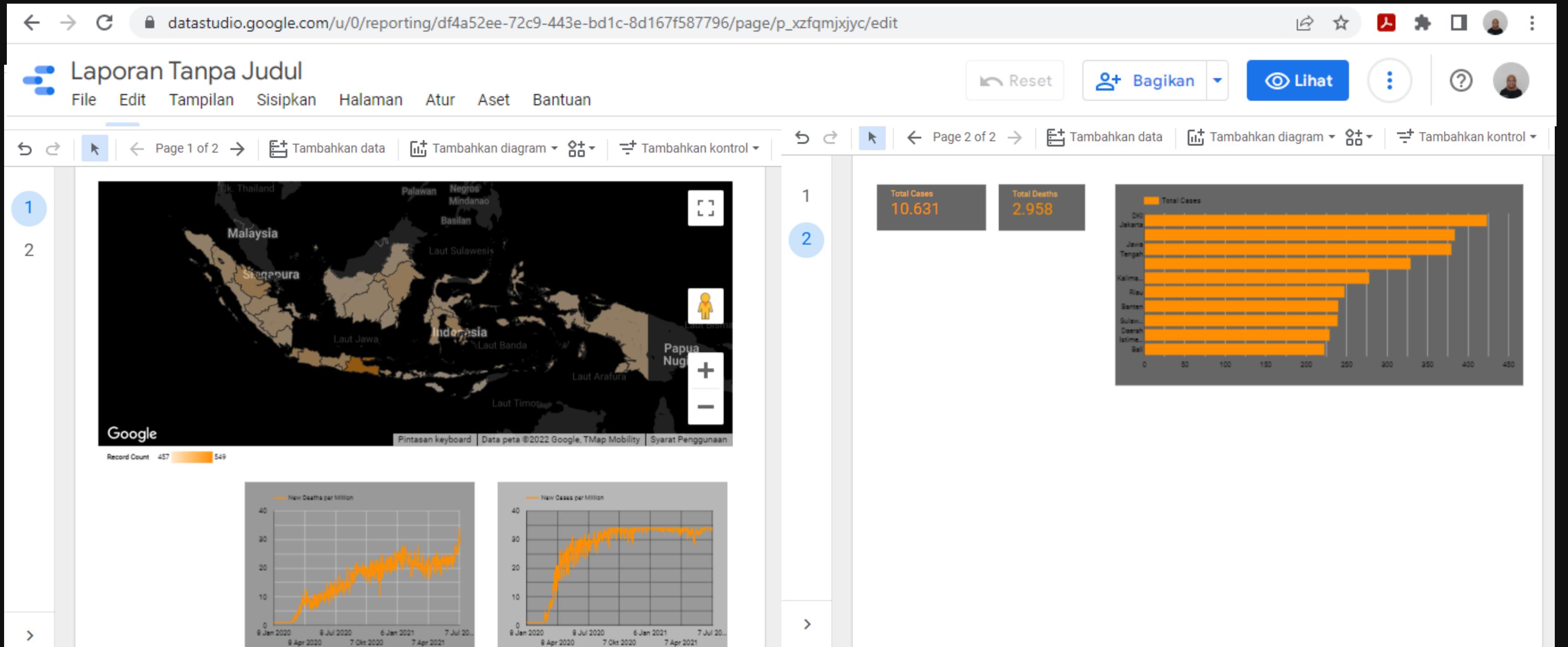
Selanjutnya, juga dapat menambahkan diagram untuk memberikan informasi mengenai total cases dan total deaths

# STEP 20



Terakhir, pada data studio juga dapat menambahkan diagram batang untuk melihat urutan provinsi dengan kasus terbanyak

# STEP 21 (FINISH)



Tampilan diatas adalah tampilan akhir dari proses data visualisasi COVID - 19 di Indonesia

## REFERENSI

DATASET : [https://github.com/prissyyy/Studi-Independen/blob/main/Data\\_Set/covid\\_19\\_indonesia\\_time\\_series\\_all.csv](https://github.com/prissyyy/Studi-Independen/blob/main/Data_Set/covid_19_indonesia_time_series_all.csv)

Youtube : [https://www.youtube.com/watch?v=Nq0MJ1pFl\\_A](https://www.youtube.com/watch?v=Nq0MJ1pFl_A)

Link Google Data Studio :

- page 1 : <https://datastudio.google.com/u/0/reporting/df4a52ee-72c9-443e-bd1c-8d167f587796/page/2OG2C>
- page 2 : [https://datastudio.google.com/u/0/reporting/df4a52ee-72c9-443e-bd1c-8d167f587796/page/p\\_xzfqmjxjyc](https://datastudio.google.com/u/0/reporting/df4a52ee-72c9-443e-bd1c-8d167f587796/page/p_xzfqmjxjyc)
- Upload hasil di github : [https://github.com/yanimaila/Studi-Independen/blob/main/Tugas/Tugas\\_Data\\_Visualisasi\\_Yani\\_Maila\\_Santi\\_JumaTec.pdf](https://github.com/yanimaila/Studi-Independen/blob/main/Tugas/Tugas_Data_Visualisasi_Yani_Maila_Santi_JumaTec.pdf)

# THANKS!!!



Don't forget to follow my social media!! :)

 [ym36767@gmail.com](mailto:ym36767@gmail.com)

 <https://github.com/yanimaila>

 [@ynimlasnti](https://www.instagram.com/ynimlasnti)