



GOOGLE DATA STUDIO

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PROFIL

Hello World!

My name is Tizanatun Nafisah. I am student
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@Tiza_Nafisah





STEP 1

Silahkan type di Google search engine (<https://datastudio.google.com/>)

The screenshot shows a web browser window with the following details:

- Title Bar:** Google Data Studio
- Address Bar:** https://datastudio.google.com/
- Search Bar:** Search Google or type a URL
- Icons:** YouTube, Google Drive, Add shortcut
- Tab Bar:** Fotor Editor, Google Data Studio - https://datastudio.google.com, https://datastudio.google.com/ - Google Search, Risky David_Data Visualisasi - https://datastudio.google.com/u/0/reporting/b9555e0a-81c9-40b6-ba18-ef6bf0137561/page/iWycC

The screenshot shows the Google Data Studio interface. At the top, there's a navigation bar with a back arrow, forward arrow, refresh icon, and a search bar labeled "Search Data Studio". Below the navigation is a header with the "Data Studio" logo and a search bar. The main area has tabs for "Terbaru", "Laporan", "Sumber data", and "Penjelajah". A large button labeled "Buat" (Create) is visible. On the left, there's a sidebar with filters: "Terbaru" (selected), "Dibagikan kepada saya", "Milik saya", "Sampah", and "Template". Below the sidebar, there's a section titled "Mulai dengan Template" (Start with a template) showing five preview cards: "Laporan Kosong Data Studio", "Laporan Tutorial Data Studio", "Pemasaran Acme Google Analytics", "Search Console Report Search Console", and "Google Ads Overview Google Ads". At the bottom, there's a "Buat Laporan" (Create Report) button with a bar chart icon and a note: "Gunakan tombol Buat untuk menambahkan file." (Use the Create button to add files). The status bar at the bottom right shows the time as 11:39 AM and the date as 9/9/2022.

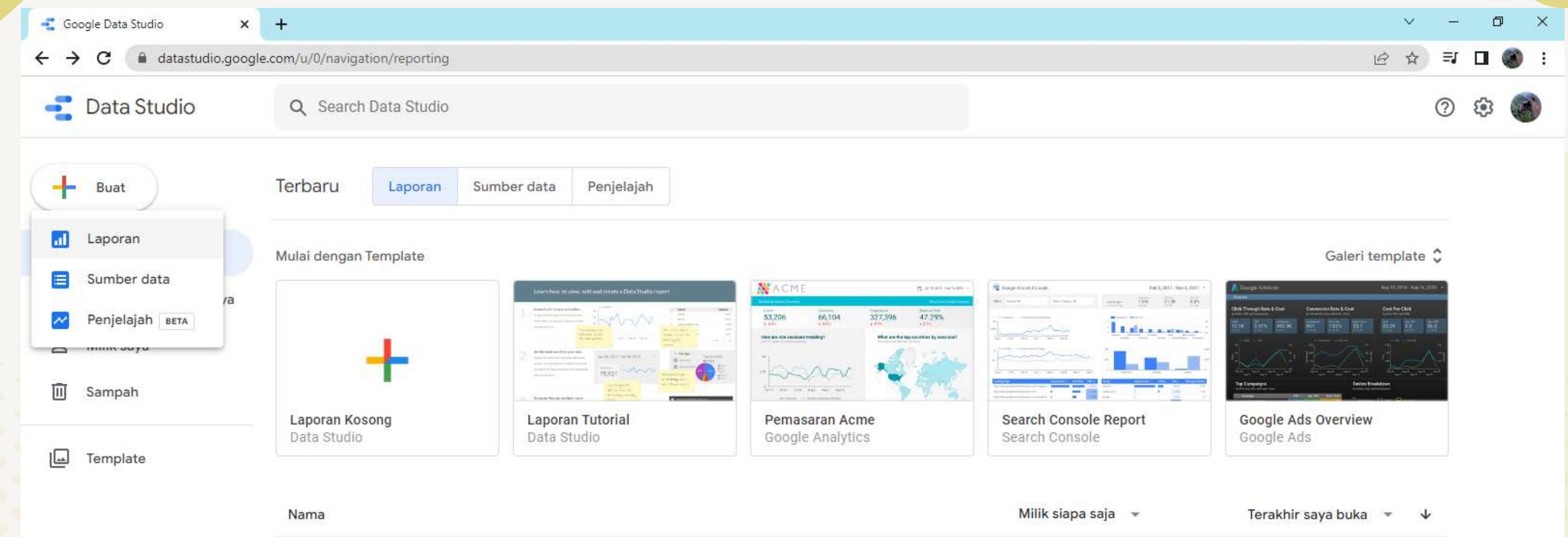


STEP 2

Buka Google Data Studio dan login menggunakan akun google pribadi.

STEP 3

Klik menu "Tambahkan laporan Kosong"



STEP 4

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



Laporan Tanpa Judul

datastudio.google.com/u/0/reporting/f5a2c666-dba9-4c04-85f8-c47ae4abb297/page/eXB2C/edit

Laporan Tanpa Judul

Tambahkan data

Tambahkan diagram

Tambahkan kontrol

Tema dan tata letak

Tambahkan data ke laporan

Menghubungkan ke data Sumber data saya

Telusuri

Google Connectors (23)

Connectors built and supported by Data Studio [Pelajari lebih lanjut](#)

- Google Analytics
- Google Ads
- Google Spreadsheet
- BigQuery
- AppSheet
- Upload File
- Amazon Redshift
- Campaign Manager 360

1:49 12:00 PM 9/9/2022

This screenshot shows the Google Data Studio interface during the fourth step of creating a report. The main window displays a 'Tambahkan data ke laporan' (Add data to report) section with a search bar and a list of 'Google Connectors (23)'. The 'Upload File' connector is highlighted with a blue border, indicating it is the active selection. The top navigation bar includes tabs for 'File', 'Tampilan', 'Halaman', and 'Bantuan', along with sharing and viewing options. The bottom taskbar shows various application icons, and the system tray at the bottom right displays the date and time (12:00 PM, 9/9/2022).

Laporan Tanpa Judul

Laporan Tanpa Judul

File Tampilan Halaman Bantuan

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

Tambahkan data ke laporan

Kredensial data: tiza nafisah

Upload File

Oleh Google

You can bring data into Data Studio from almost any source by uploading CSV (comma-separated values) files. File upload lets you report on data not supported by a specific connector.

PELAJARI SELENGKAPNYA LAPORKAN MASALAH

Set Data

covid_19_indonesia_time_series_all.csv

UKURAN FILE TOTAL
— (0% dari 100 MB digunakan)

JUMLAH FILE
0

TANGGAL PEMBUATAN
9/9/22 12:03 PM

TANGGAL TERAKHIR DIUBAH
9/9/22 12:03 PM

LIHAT FILE DI CLOUD

TAMBAHKAN FILE

Nama file Diupload pada Ukuran Status

covid_19_indonesia_time_series_all.csv 9/9/22 12:03 PM 4 MB Mengupload (59%)

Batal Tambahkan

1:46 12:03 PM 9/9/2022

STEP 5

Apabila data sudah berhasil terupload, selanjutnya klik tambahkan.



The screenshot shows the Google Data Studio interface. A modal dialog box is centered, prompting the user to add data to a report. The title of the dialog is "Anda akan menambahkan data ke laporan ini" (You will add data to this report). Inside the dialog, there is a list of available datasets: "covid_19_indonesia_time_series_all.csv". Below the list, a note states: "Perhatikan bahwa Editor Laporan dapat membuat diagram menggunakan sumber data baru dan dapat menambahkan dimensi dan metrik yang saat ini tidak disertakan dalam laporan." (Please note that the Report Editor can create charts using new data sources and can add dimensions and metrics that are not included in the current report.) There is also a checkbox labeled "Jangan tampilkan ini lagi" (Don't show me this again). At the bottom of the dialog are two buttons: "BATAL" (Cancel) and "TAMBAHKAN KE LAPORAN" (Add to report), with the latter being blue and bold.

STEP 6

Klik menu Tambahkan Ke Laporan.

STEP 7

Setelah itu maka akan muncul tampilan seperti diatas



Laporan Tanpa Judul

File Edit Tampilan Sisipkan Halaman Atur Aset Bantuan

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

Diagram Data

Sumber data: covid_19_indonesia_time_series_all.csv

Dimensi Rentang Tanggal: 7/8/2021 - 7/9/2021

Dimensi: Date, Location

Metrik: sum New Cases

	Date	Location	New Cases
1.	7/8/2021	Indonesia	76.782
2.	7/9/2021	Indonesia	76.248
3.	7/7/2021	Indonesia	68.758
4.	7/6/2021	Indonesia	62.378
5.	7/5/2021	Indonesia	59.490
6.	7/3/2021	Indonesia	55.826
7.	7/4/2021	Indonesia	54.466
8.	7/2/2021	Indonesia	51.660

Laporan Tanpa Judul

Laporan Tanpa Judul

Date Location

1. 1/8/2020 Jawa Timur

2. 1/9/2020 Jawa Timur

3. 1/10/2020 Jawa Timur

4. 1/11/2020 Jawa Timur

5. 1/12/2020 Jawa Timur

6. 1/13/2020 Jawa Timur

7. 1/14/2020 Jawa Timur

8. 1/15/2020 Jawa Timur

... 1/16/2020 Jawa Timur

1 - 100 / 16283 < >

Diagram

SETUP GAYA

Sumber data covid_19_indonesia_time_se...

+ GABUNGKAN DATA

Dimensi Rentang Tanggal

+ Tambahkan dimensi

Dimensi

RBC Date

RBC Location

+ Tambahkan dimensi

Lihat perincian

Matriks

AUT Record Count

+ Tambahkan metrik

Metrik opsional

Penggeser metrik

Baris per Halaman

100

Data

Telusuri

covid_19_indonesia_time_series_all.csv

RBC Date

RBC Growth Factor of New Cases

RBC Growth Factor of New Deaths

RBC Hidden

RBC Island

RBC Item

RBC Kind

123 Latitude

RBC Location

Location ISO Code

RBC Location Level

123 Longitude

RBC Name

New Active Cases

123 New Cases

123 New Cases per Million

123 New Deaths

123 New Deaths per Million

123 New Recovered

123 Population

+ Tambahkan kolom

+ Tambahkan parameter

+ Tambahkan Data

STEP 8

Selanjutnya memasukkan data Location ke menu dimensi dan juga memasukkan data New Cases pada menu matrik seperti gambar diatas.



STEP 9

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



Screenshot of Google Data Studio interface showing a table of COVID-19 new cases in Indonesia. The first row (7/8/2021, Indonesia, 76.782) is highlighted with a red border. The sidebar on the right shows various filters and metrics available for this report.

	Date	Location	New Cases
1.	7/8/2021	Indonesia	76.782
2.	7/9/2021	Indonesia	76.248
3.	7/7/2021	Indonesia	68.758
4.	7/6/2021	Indonesia	62.378
5.	7/5/2021	Indonesia	59.490
6.	7/3/2021	Indonesia	55.826
7.	7/4/2021	Indonesia	54.466
8.	7/2/2021	Indonesia	51.660
			1 - 100 / 16283 < >

Diagram **Data**

SETUP **GAYA**

Sumber data

- covid_19_indonesia_time_se...

GABUNGKAN DATA

Dimensi Rentang Tanggal

Dimensi

- Date**
- Hidden**
- Island**
- Item**
- Kind**
- Latitude**
- Location**
- Location ISO Code**
- Location Level**
- Longitude**
- Name**
- New Active Cases**
- New Cases**
- New Cases per Million**
- New Deaths**

Metrik

- sum New Cases**

Metrik opsional

Penggeser metrik

Baris per Halaman: 100

Baris ringkasan

Urutkan

- sum New Cases**

Tambahkan Data

Laporan Tanpa Judul

datastudio.google.com/u/0/reporting/f5a2c666-dba9-4c04-85f8-c47ae4abb297/page/eXB2C/edit

Laporan Tanpa Judul

File Edit Tampilan Sisipkan Halaman Atur Aset Bantuan

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

Buat Filter

Nama: covid_19_indonesia_time_series_all.csv

Kecualikan: **RBC** Location Berisi: Indonesia

ATAU

DAN

Filter ini memiliki 1 klausma

SIMPAN

1:15 1:40 PM 9/9/2022

STEP 10

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



STEP 11

Setelah tersimpan, maka data Indonesia akan terhapus.

The screenshot shows the Google Data Studio interface. On the left, there is a table titled "Laporan Tanpa Judul" with columns "Date", "Location", and "New Cases". The table contains approximately 40 rows of data from March 3, 2020, to April 9, 2020, showing new cases for various Indonesian provinces. A blue circle labeled "1" is positioned above the table, and another blue circle labeled "2" is positioned below it. On the right, the "Diagram" and "Data" panels are visible. The "Data" panel lists various metrics and dimensions, with "covid_19_indonesia_time_se..." selected under "Sumber data". Other listed items include "New Deaths per Million", "New Recovered", "Population", "Population Density", "Province", "Special Status", "Time Zone", "Total Active Cases", "Total Cases", "Total Cases per Million", "Total Cities", "Total Deaths", "Total Deaths per Million", "Total Districts", "Total Recovered", "Total Regencies", "Total Rural Villages", "Total Urban Villages", "Record Count", and "Record Count". The "Diagram" panel shows the current setup with "Date", "Location", and "New Cases" selected as dimensions. The status bar at the bottom indicates the date as 9/9/2022 and the time as 1:45 PM.

STEP 12

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

The screenshot shows the Google Data Studio interface. On the left, there is a data table with columns: Date, Location, Total Cases, and Record Count. The 'Total Cases' column contains values like 9, 0, 0, etc. On the right, the 'Diagram' tab is selected in the setup panel. A card titled '123 Total Cases' is open, showing the following configuration:

- Nama:** Total Cases
- Kolom sumber:** New Cases
- Jenis:** Angka
- Metrik opsional:** Tambahkan metrik (disabled)
- Penggeser metrik:** Tambahkan metrik (disabled)
- Baris per Halaman:** 100
- Baris ringkasan:** Tampilkan baris ringkasan (unchecked)
- Urutkan:** AUT Record Count (selected)
- Menurun:** Tambahkan Data (disabled)

The sidebar on the right lists various metrics and dimensions, including 'New Deaths per Million', 'New Recovered', 'Population', 'Population Density', 'Province', 'Special Status', 'Time Zone', and various types of cases and locations. At the bottom of the sidebar, there is a file upload section with the path 'covid_19_indonesia_time_series_all.csv'.



STEP 13

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

The screenshot shows the Google Data Studio interface. On the left, there is a circular inset image of a person's hands holding a resume. The main window displays a table titled "Laporan Tanpa Judul" with columns "Date", "Location", and "Total Cases". The data is as follows:

Date	Location	Total Cases
9/9/2020	Kepulauan Riau	52
9/9/2020	Sumatera Utara	122
9/9/2020	Sumatera Selatan	28
9/9/2020	Sumatera Barat	110
9/9/2020	Sulawesi Utara	22
9/9/2020	Sulawesi Tenggara	24
9/9/2020	Sulawesi Tengah	4
9/9/2020	Sulawesi Selatan	145
9/9/2020	Sulawesi Barat	15
9/9/2020	Riau	141
9/9/2020	Papua Barat	18
9/9/2020	Papua	0
9/9/2020	Nusa Tenggara Timur	4
9/9/2020	Nusa Tenggara Barat	15
9/9/2020	Maluku Utara	10
9/9/2020	Maluku	21
9/9/2020	Lampung	22
9/9/2020	Kepulauan Bangka Belitung	2
9/9/2020	Kalimantan Utara	1
9/9/2020	Kalimantan Timur	90
9/9/2020	Kalimantan Tengah	44
9/9/2020	Kalimantan Selatan	99
9/9/2020	Kalimantan Barat	12

To the right of the table, there are two panels: "Tabel" and "Data". The "Data" panel includes a search bar and a sidebar with various data categories and specific metrics like "New Deaths per Million", "New Recovered", and "Population". A button labeled "Peta bidang" is highlighted in the "Data" panel. The bottom right corner of the screen shows the system tray with the date and time.

STEP 14

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

The screenshot shows the Google Data Studio interface. On the left, there is a map of Southeast Asia with various regions labeled: Thailand, Vietnam, Kamboja, Filipina, Malaysia, Indonesia, and Papua Nugini. The map is overlaid with a grid and has a legend in the bottom right corner. The status bar at the bottom indicates a record count of 21,576. On the right side, the 'Data' pane is open, displaying a list of metrics and dimensions. A specific dimension, 'Country', is highlighted with a red box. The 'Data' pane also includes sections for 'Google Maps', 'SETUP', 'GAYA', 'Sumber data', 'Dimensi Rentang Tanggal', 'Kolom', 'Lokasi', 'Tooltip', and 'Metrik warna'. The URL in the browser address bar is datastudio.google.com/u/0/reporting/f5a2c666-dba9-4c04-85f8-c47ae4abb297/page/eXB2C/edit.

STEP 15

The screenshot shows the Google Data Studio interface. On the left, there is a large empty area with a dashed border, indicating where a visual element should be placed. A warning message is displayed: "Tidak dapat menampilkan Google Maps" (Cannot display Google Maps) and "Peta bidang memerlukan dimensi Lokasi untuk ditetapkan ke jenis Geografis." (The map dimension requires a location dimension to be set to geographical type). Below this, it says "Record Count: 31.576". On the right side, the "Google Maps" panel is open, showing various chart and map visualization options. The "Sumber data" (Data Source) section lists "covid_19_indonesia_time_series_all.csv" and "Province" under "Lokasi". The "Data" panel on the far right lists various data types such as Area (km2), Case Fatality Rate, and Location.

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

STEP 16

Selanjutnya atur seperti gambar diatas dan klik selesai.

Laporan Tanpa Judul > Halaman 1

Laporan Tanpa Judul

File Edit Tampilan Sisipkan Halaman Atur Aset Bantuan

Tambahkan data Tambahkan diagram Tambahkan kontrol Tema dan tata letak

1 2

covid_19_indonesia_time_series_all.csv

Kredensial data: tiza nafisah Keaktualan data: 12 jam Akses visualisasi komunitas: Aktif SELESAI

EDIT KONEKSI FILTER MENURUT EMAIL

+ TAMBAHKAN KOLOM + TAMBAHKAN PARAMETER

Editor sumber data sekarang dapat memuat ulang kolom, mengedit koneksi, dan mengedit SQL kustom.

Bidang Jenis

- New Deaths Angka
- New Deaths per Million Angka
- New Recovered Angka
- Population Numerik
- Population Density Teksa
- Province Tanggal & Waktu
- Special Status Boolean
- Time Zone Geografis
- Total Active Cases Mata Uang
- Total Deaths URL

MUAT ULANG KOLOM

Diagram

SETUP GAYA

Sumber data:

- covid_19_indonesia_time_se...
- GABUNGKAN DATA
- Dimensi Rentang Tanggal
- Tambahkan dimensi

Kolom

Lokasi

RBC Province

Kredensial data: tiza nafisah Keaktualan data: 12 jam Akses visualisasi komunitas: Aktif SELESAI

+ TAMBAHKAN KOLOM + TAMBAHKAN PARAMETER

Telusuri bidang

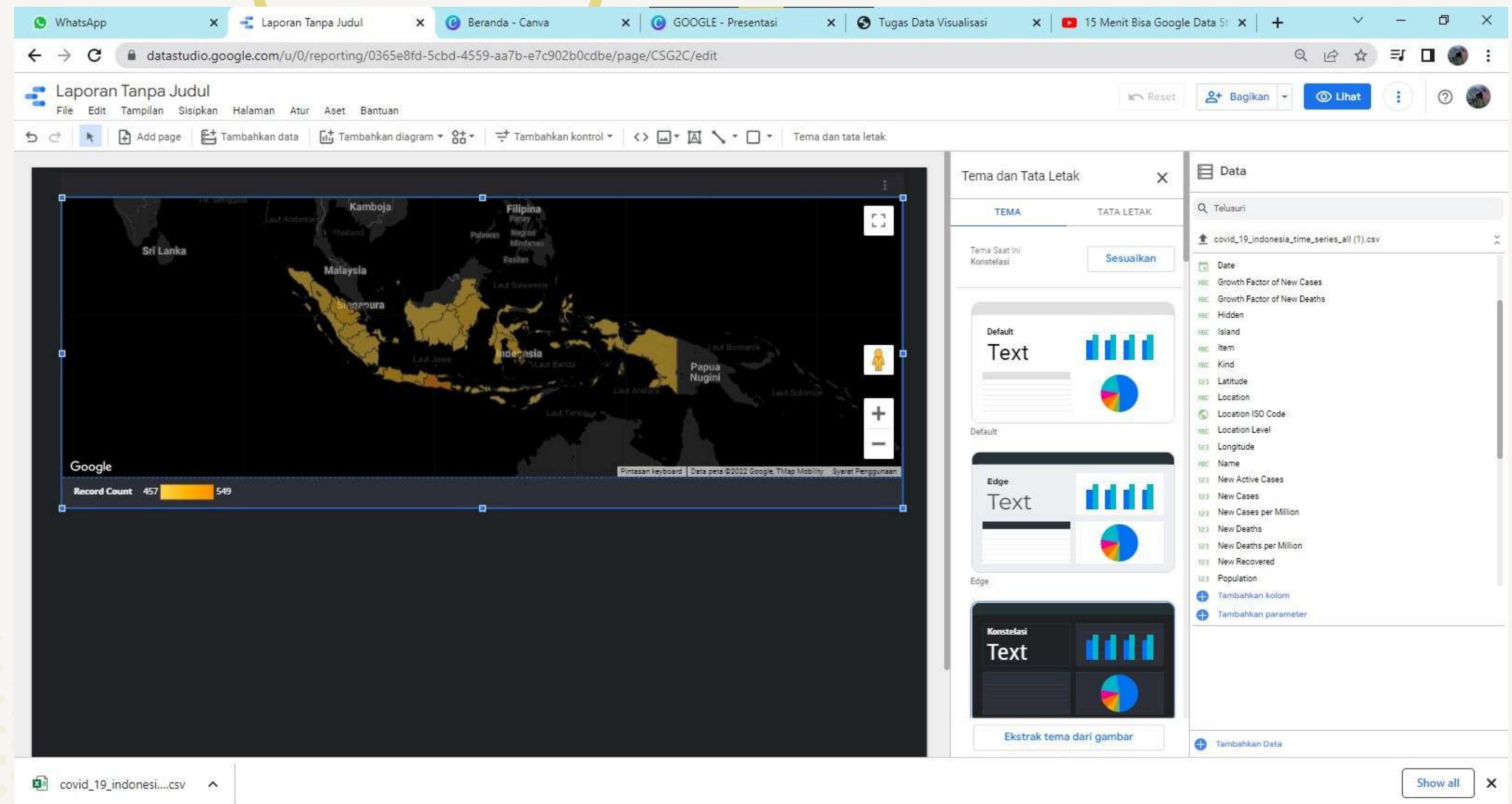
Tutup

1:58 2:31 PM 9/9/2022

STEP 17

Jika sudah tampilan akan seperti ini.

The screenshot shows a Google Data Studio report titled "Laporan Tanpa Judul". The main view displays a map of Southeast Asia, specifically focusing on Indonesia, with various regions highlighted in blue. Labels on the map include Sri Lanka, Kamboja, Filipina, Papua Nugini, and several Indonesian provinces like Jawa Barat, Jawa Tengah, Jawa Timur, Sumatra Selatan, and Papua. Below the map, a legend indicates "Record Count" with values 457 and 549. The interface includes a toolbar at the top with options like "Add page", "Tambahkan data", "Tambahkan diagram", and "Tambahkan kontrol". On the right side, there are two panels: "Diagram" and "Data". The "Diagram" panel contains sections for "SETUP" (with "GAYA" and "Sumber data" for "covid_19_indonesia_time_se..."), "Date" (selected), "Kolom" (with "Province" highlighted), "Tooltip" (with "Tambahkan dimensi" and "Metric warna" for "Record Count"), and "Filter" (with "Location filter" selected). The "Data" panel lists various metrics and dimensions, such as "Growth Factor of New Cases", "Hidden", "Island", "Item", "Kind", "Latitude", "Location", "Location ISO Code", "Location Level", "Longitude", "Name", "New Active Cases", "New Cases", "New Cases per Million", "New Deaths", "New Deaths per Million", "New Recovered", "Population", and "TAMBAHKAN FILTER". A file browser at the bottom shows "covid_19_indonesia_time_series_all (1).csv".

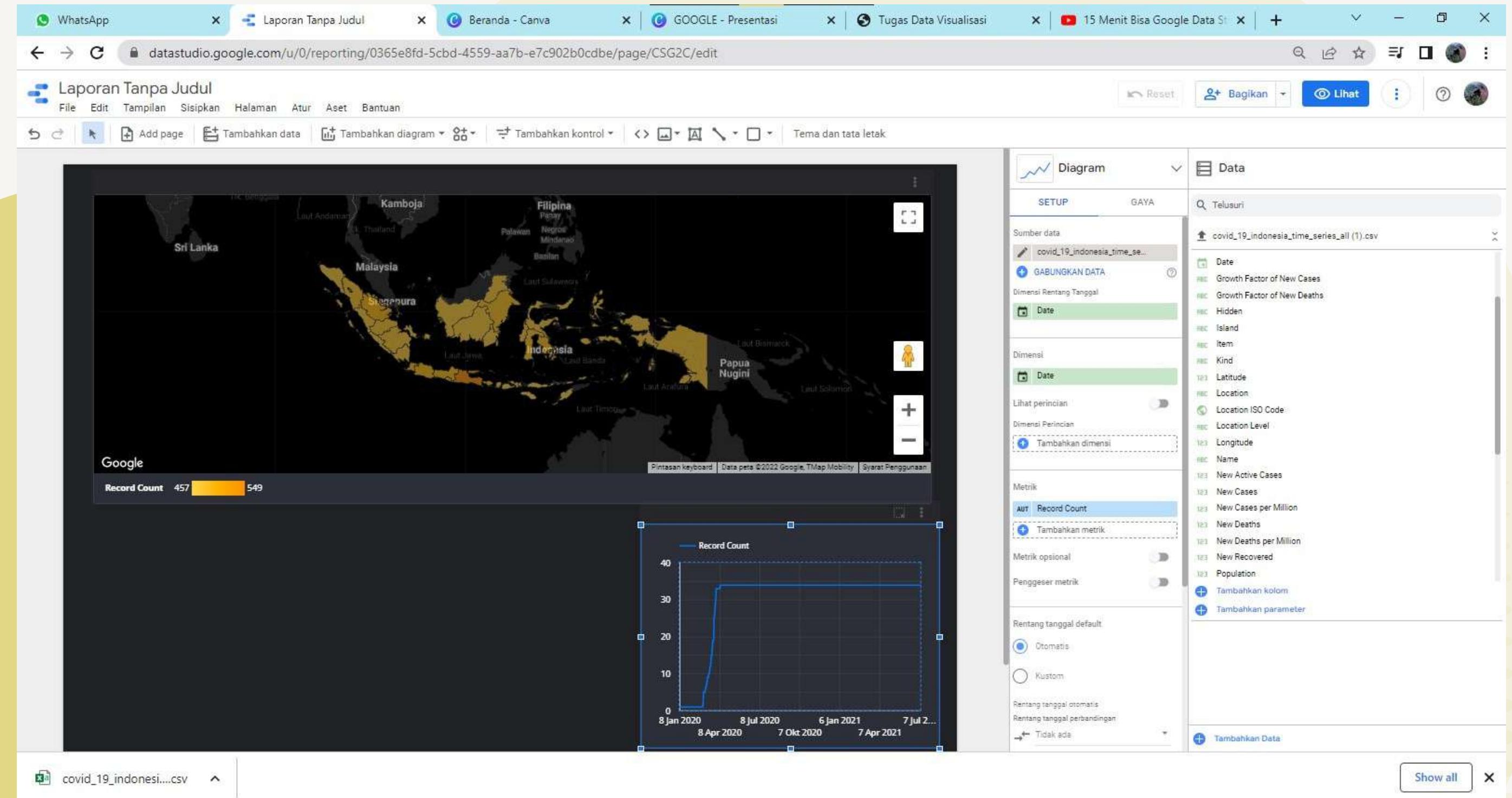


STEP 18

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

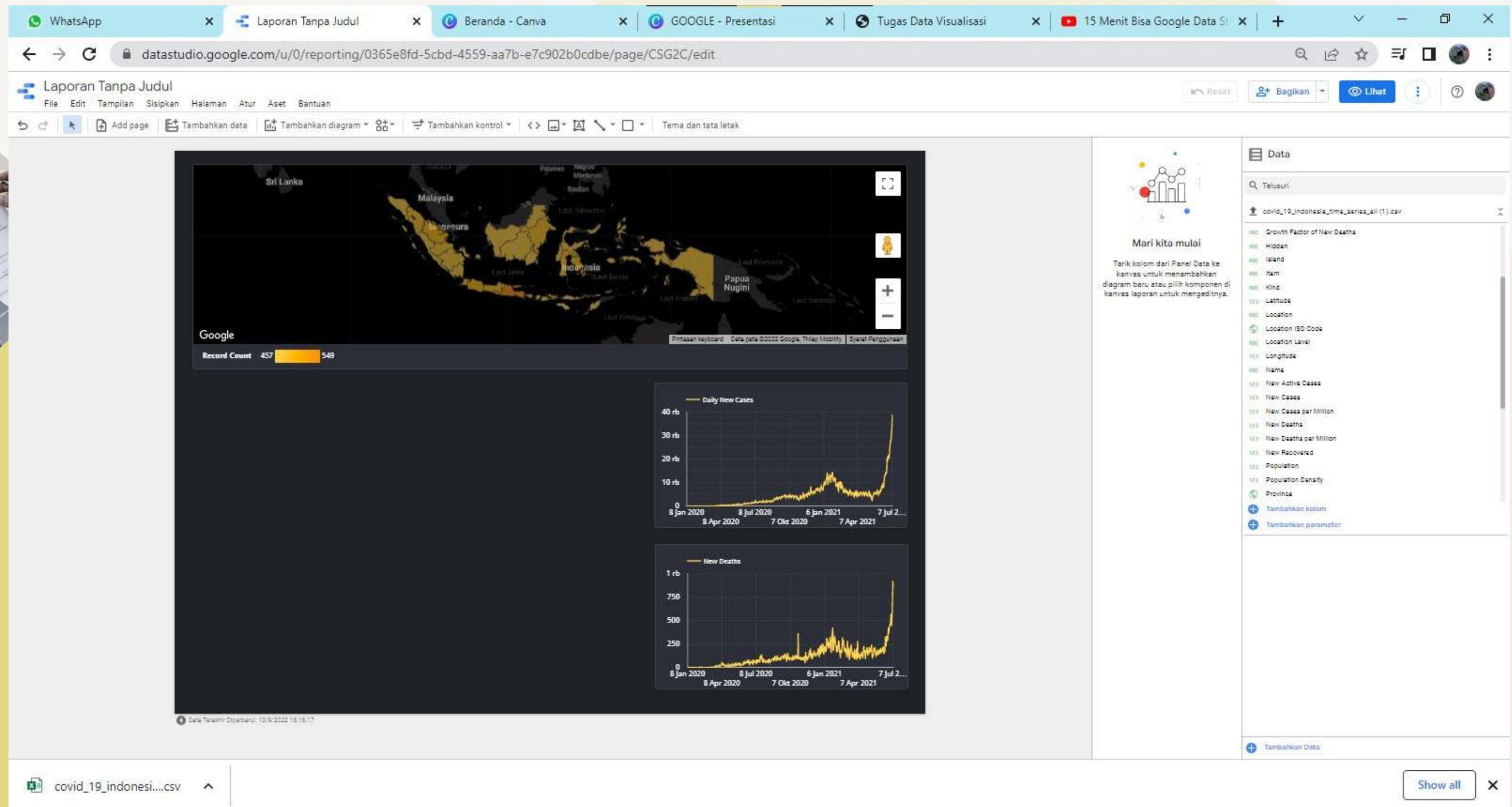
STEP 19

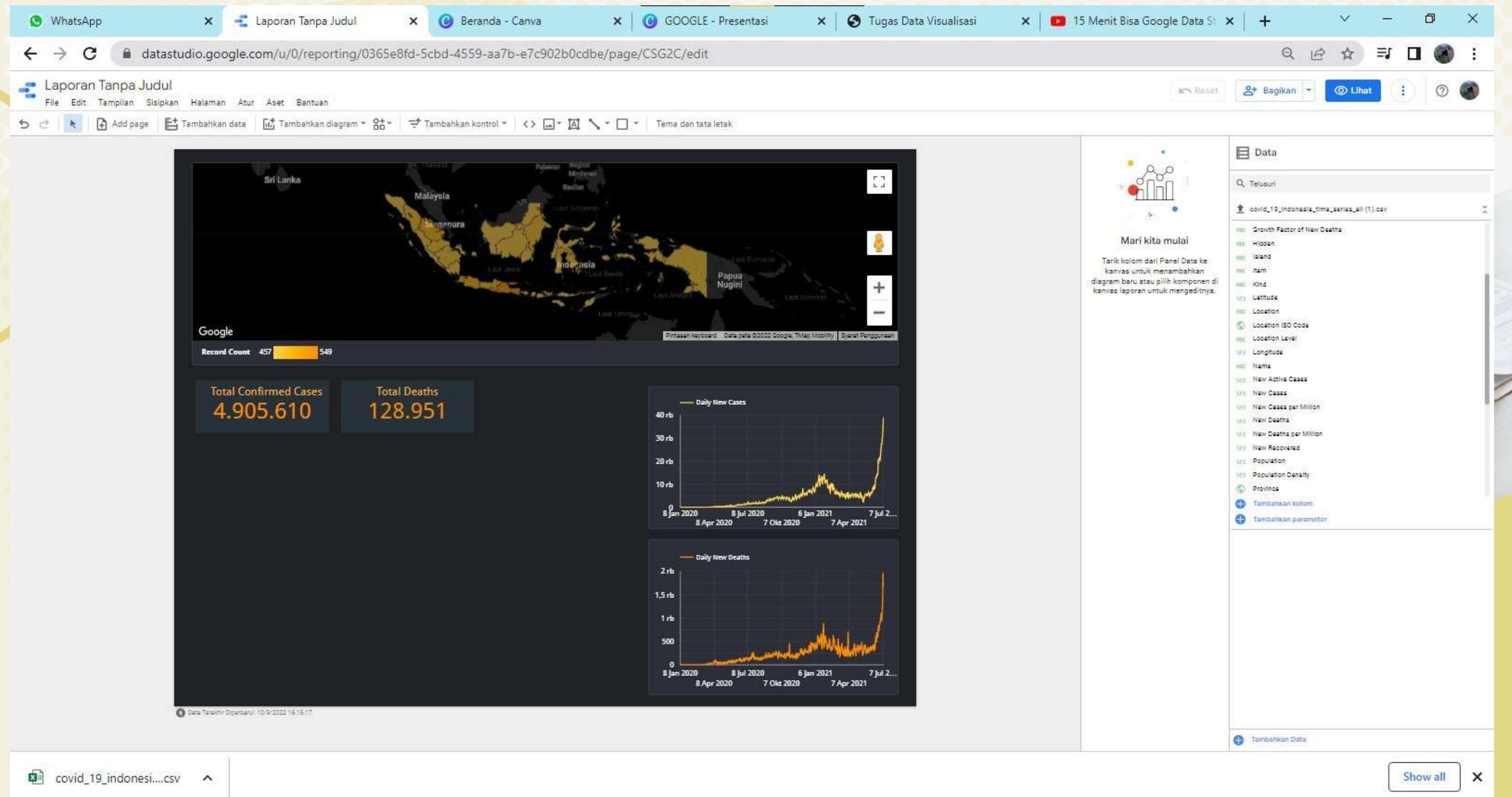
Kita juga dapat menambahkan diagram rangkaian waktu.



STEP 20

Lanjut kita menambahkan diagram Daily New Cases dan Daily New Deaths



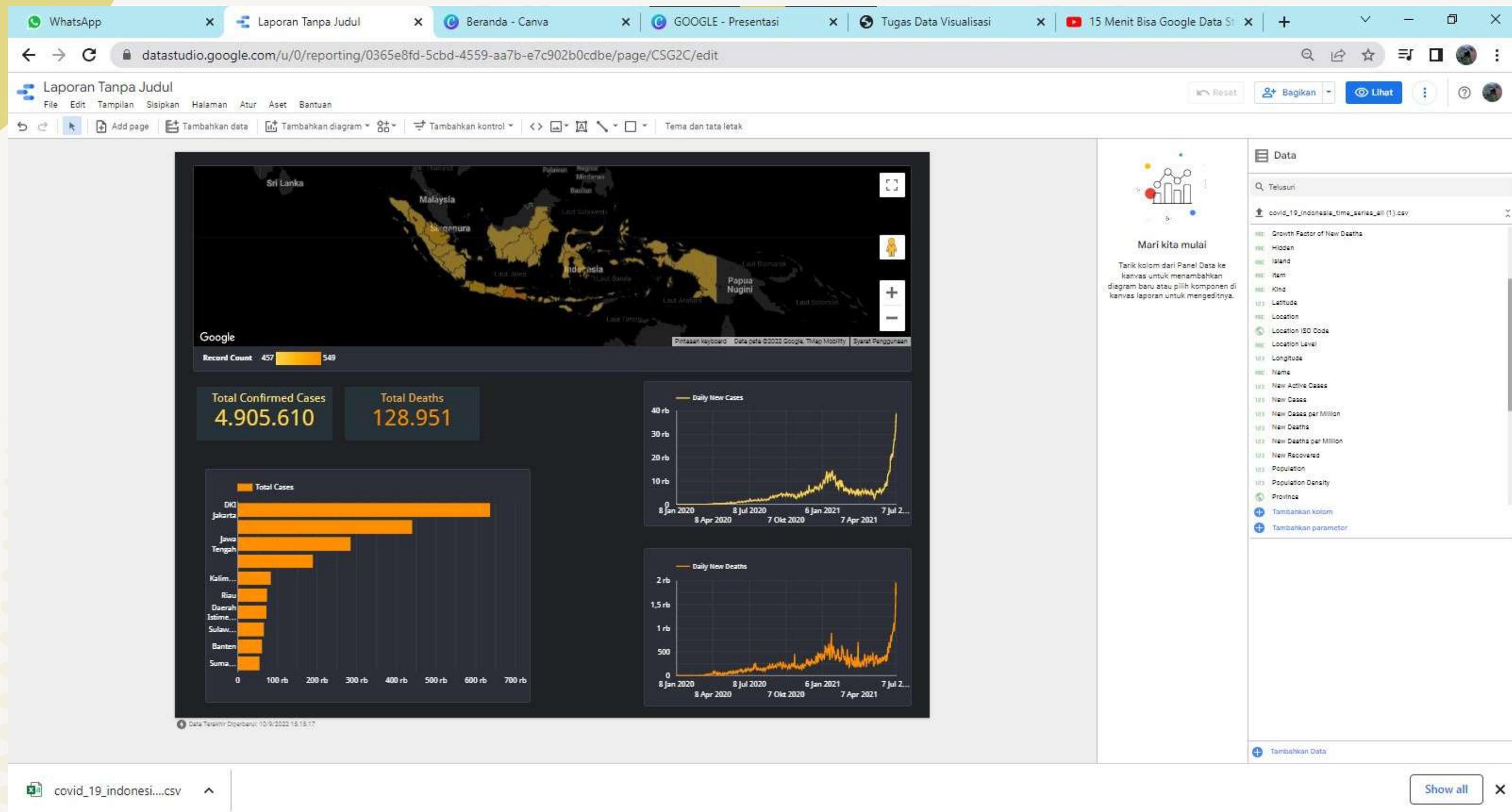


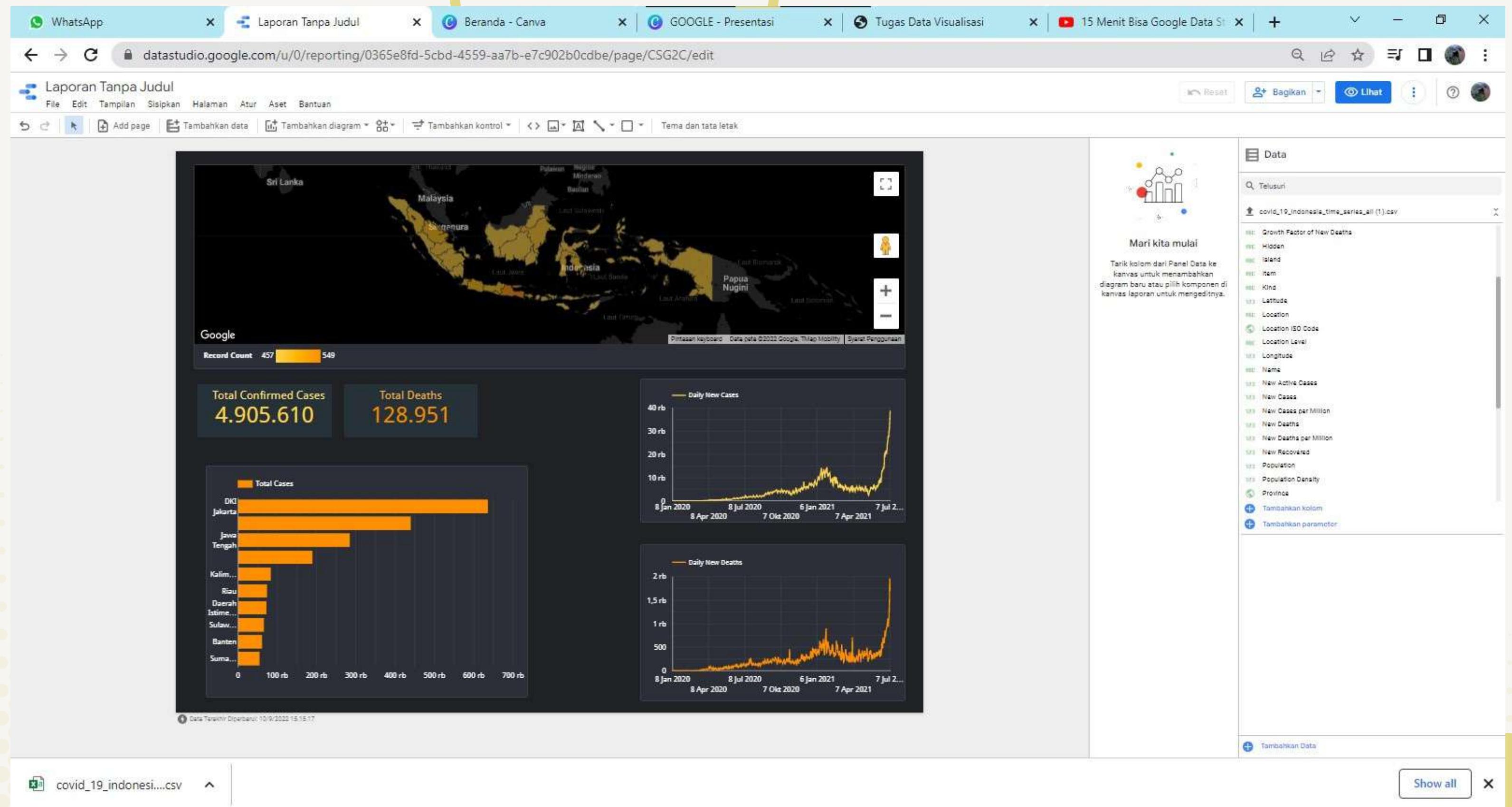
STEP 21

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.

REFRENCES



- Video Youtube : https://www.youtube.com/watch?v=Nq0MJ1pFl_A
- Dataset :<https://www.kaggle.com/hendratno/covid19-indonesiam> atau https://raw.githubusercontent.com/riskydav/Belajar-Python/main/Data/covid_19_indonesia_time_series_all.csv Referensi
- Link Google Data Studio :
<https://datastudio.google.com/reporting/b9555e0a-81c9-40b6-ba18-ef6bf0137561>