

Google Data Studio

Presented by **Diki Wahyu Pratama**

Profil



@dikiwp30



github.com/Dikiwp30



diki-wahyu-pratama/



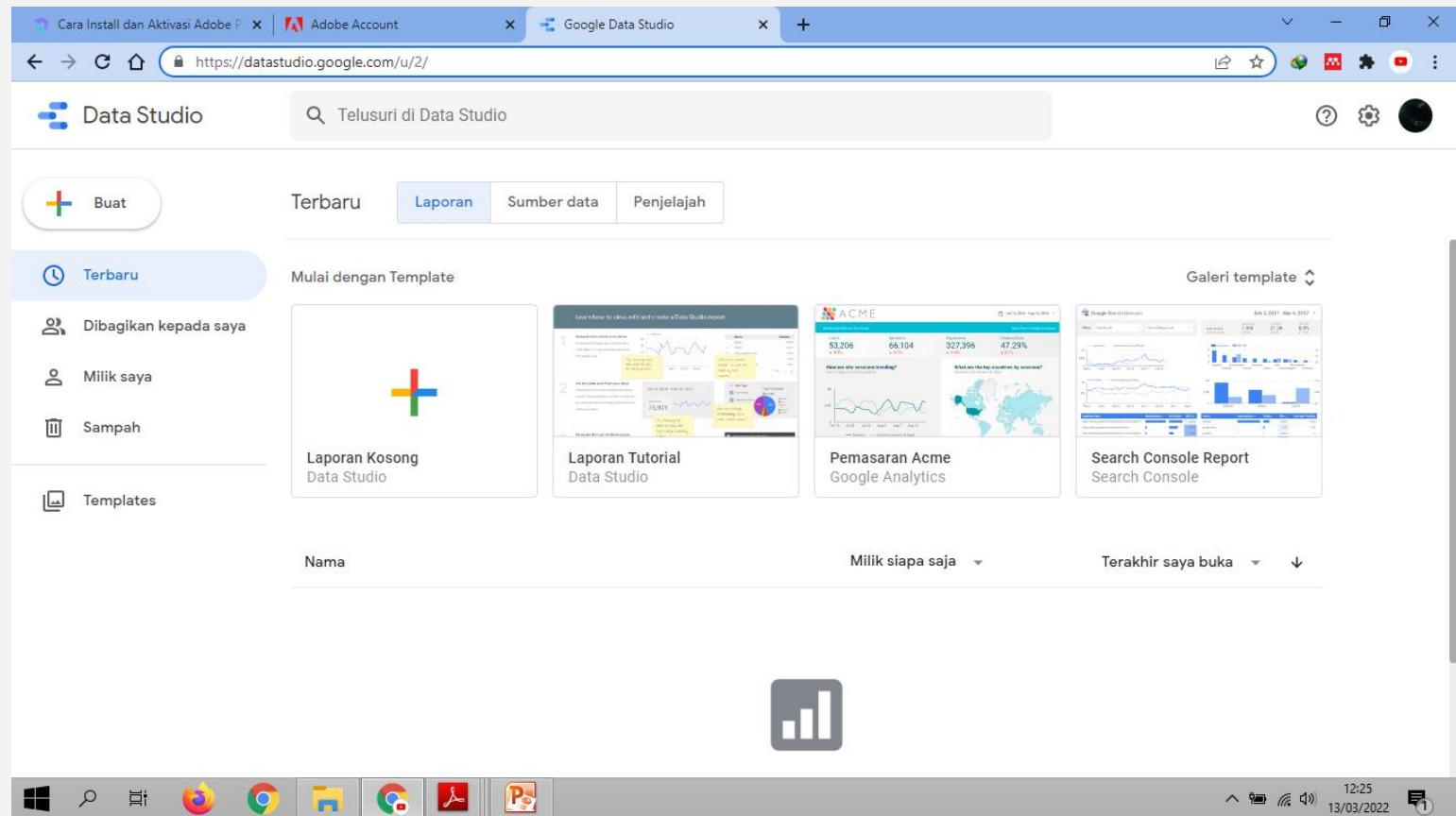
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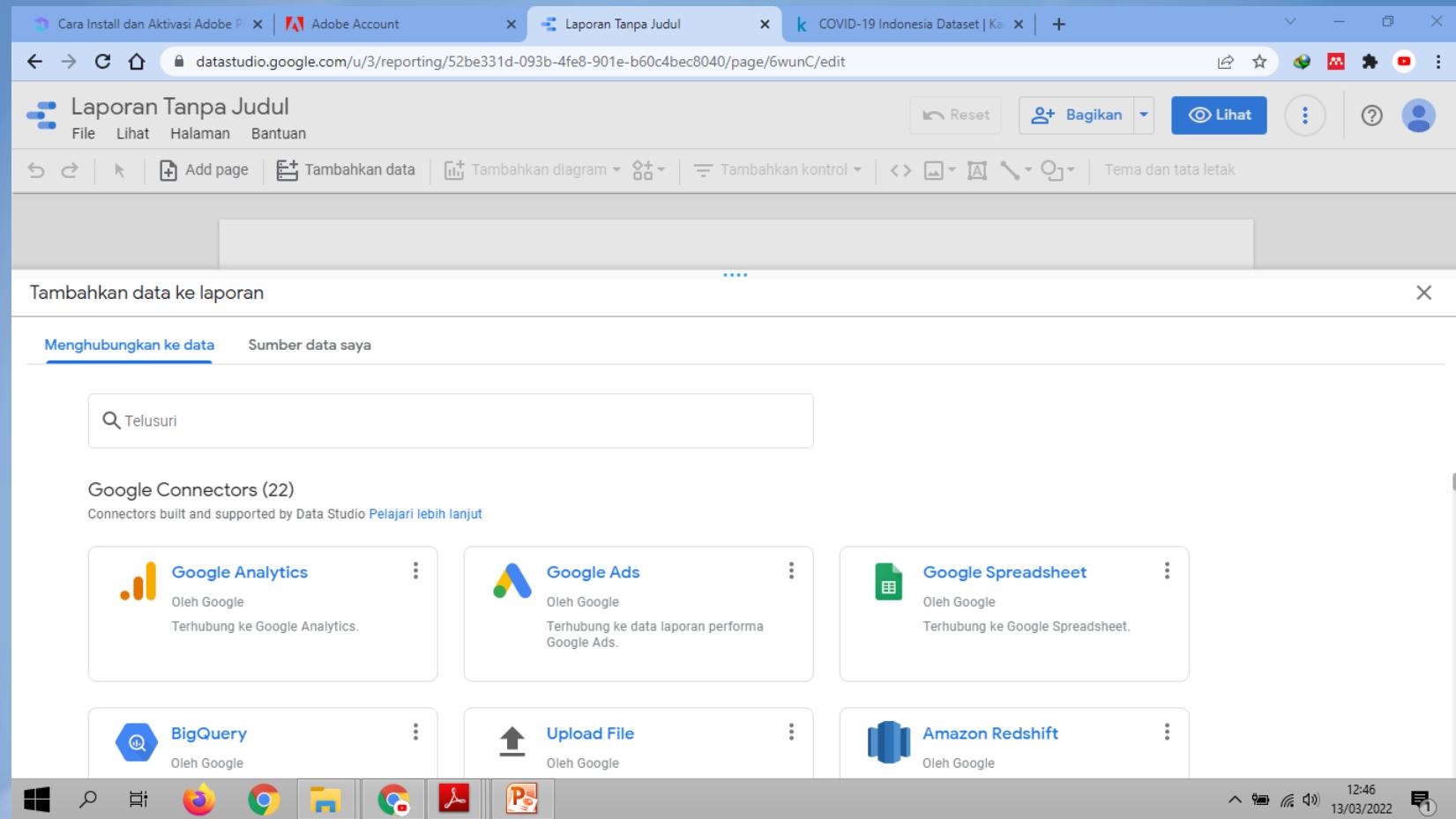
www.artstation.com/dikiwahyu
pratamanull1

Saya Diki Wahyu Pratama seorang mahasiswa jurusan S1 Manajemen angkatan 2019 dari Universitas Negeri Semarang. Saya memiliki minat yang tinggi terhadap Desain Grafis. Kadang saya membuat desain di waktu luang dan saya upload di sosial media. Selain itu saya juga senang dengan hal-hal yang berbau IT/AI.

AI Langkah 1



Buka google data studio lewat datastudio.google.com dan klik Laporan Kosong



Langkah 2

Akan muncul tampilan seperti ini, Tambahkan Data dan klik Upload File untuk data yang kita miliki

Langkah 3

The screenshot shows a Google Data Studio interface. At the top, there are several tabs: 'Cara Install dan Aktivasi Adobe P...', 'Adobe Account', 'Diki Wahyu P_Visualisasi Data', and 'COVID-19 Indonesia Dataset | K...'. The main window title is 'Tambahkan data ke laporan' (Add data to report). On the left, a sidebar shows a file named 'covid_19_indonesia_time_series_all.csv'. The main content area displays the file's details: 'UKURAN FILE TOTAL' (5 MB), 'JUMLAH FILE' (1), 'TANGGAL PEMBUATAN' (3/13/22 12:53 PM), and 'TANGGAL TERAKHIR DIUBAH' (3/13/22 12:53 PM). Below this, a table lists the uploaded file: 'covid_19_indonesia_time_series_all.csv' uploaded on '3/13/22 12:53 PM' with size '5 MB' and status 'Diupload'. At the bottom right, there are 'Batal' (Cancel) and 'Tambahkan' (Add) buttons. The system tray at the bottom shows various icons and the date '13/03/2022'.

Jika sudah diupload maka tinggal klik Tambahkan

The screenshot shows a Google Data Studio interface. At the top, there are several tabs: 'Cara Install dan Aktivasi Adobe P...', 'Adobe Account', 'Diki Wahyu P_Visualisasi Data', and 'COVID-19 Indonesia Dataset | Ka...'. The main content area displays a table titled 'Location ISO Code' with columns 'Location ISO Code' and 'Record Count'. The data is as follows:

Location ISO Code	Record Count
1. ID-JK	642
2. IDN	642
3. ID-RI	641
4. ID-JB	640
5. ID-BT	637
6. ID-JT	635
7. ID-SG	633
8. ID-BA	632
n. ID-VI	400

Below the table, there are navigation buttons: '1 - 35 / 35' and '< >'. On the right side, there is a sidebar titled 'Data' which lists various data fields categorized under 'Kolom yang Tersedia'. The fields include:

- 123 Area (km²)
- RBC Case Fatality Rate
- RBC Case Recovered Rate
- RBC City or Regency
- RBC Continent
- Country
- Date
- RBC Growth Factor of New...
- RBC Growth Factor of New...
- RBC Island
- 123 Latitude
- RBC Location
- RBC Location ISO Code
- RBC Location Level
- 123 Longitude

At the bottom of the sidebar, there are two buttons: '+ TAMBAHKAN KOLOM' and '+ TAMBAHKAN PARAM...'.

Langkah 4

Maka akan muncul tampilan seperti ini

Langkah 5

The screenshot shows a Google Data Studio interface. On the left, there is a table visualization titled "Diagram > Tabel". The table has four columns: "Location ISO ...", "Locat...", "New Ca...", and "Record Count...". The data is as follows:

Location ISO ...	Locat...	New Ca...	Record Count...
1. ID-JK	DKI Ja...	864.008	642
2. IDN	Indone...	4.257.243	642
3. ID-RI	Riau	128.824	641
4. ID-JB	Jawa B...	707.934	640
5. ID-BT	Banten	132.693	637
6. ID-JT	Jawa T...	486.435	635
7. ID-SG	Sulawesi...	20.160	633
8. ID-BA	Bali	114.233	632
...	...	1.80.918	470
		1-35 / 35	< >

On the right, the configuration panel is open under the "Diagram > Tabel" tab. It shows the following settings:

- DATA**:
 - Sumber data: covid_19_indonesia
 - + GABUNGKAN DATA
- Dimensi Rentang Tanggal**: Date
- Dimensi**:
 - RBC Location ISO Code
 - RBC Location
 - + Tambahkan dimensi
- Lihat perincian**:
- Metrik**:
 - SUM New Cases
 - AUT Record Count
 - + Tambahkan metrik
- Kolom yang Tersedia**:
 - Ketik untuk mencari
 - Date
 - RBC Growth Factor of New...
 - RBC Growth Factor of New...
 - RBC Island
 - 123 Latitude
 - RBC Location
 - RBC Location ISO Code
 - RBC Location Level
 - 123 Longitude
 - 123 New Active Cases
 - 123 New Cases
 - 123 New Cases per Million
 - 123 New Deaths
 - 123 New Deaths per Million
 - 123 New Recovered
 - + TAMBAHKAN KOLOM
 - + TAMBAHKAN PARAM...

Kemudian masukkan Location ke Dimensi dan New Case ke Metrik

The screenshot shows a Google Data Studio report titled "Diki Wahyu P_Visualisasi Data". The main content area displays a table with two columns: "Location" and "New Cases". The data is as follows:

Location	New Cases
1. Indonesia	4.257.243
2. DKI Jakarta	864.008
3. Jawa Barat	707.934
4. Jawa Tengah	486.435
5. Jawa Timur	399.467
6. Kalimantan Timur	158.245
7. Daerah Istimewa Yogyakarta	156.769
8. Banten	132.693
9. Riau	128.824
10. Bali	114.233

The table has a total of 35 rows, with page navigation at the bottom showing "1 - 35 / 35". To the right of the table is a sidebar titled "Diagram > Tabel". The sidebar includes sections for "DATA" and "GAYA". Under "DATA", there are dropdown menus for "Interaksi" and "Kolom yang Tersedia", and a search bar. Below these are sections for "Rentang tanggal default" (set to "Otomatis") and "Rentang tanggal otomatis" (set to "Tidak ada"). There are also sections for "Filter" (with a "+ TAMBAHKAN FILTER" button), "Interaksi diagram" (with a "Lintas-filter" toggle switch), and "TAMBAHKAN KOLOM" and "TAMBAHKAN PARAM..." buttons.

Langkah 6

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

Langkah 7

The screenshot shows a Google Data Studio interface. At the top, there are several tabs: 'Cara Install dan Aktivasi Adobe P...', 'Adobe Account', 'Diki Wahyu P_Visualisasi Data', and 'COVID-19 Indonesia Dataset | Ka...'. The main content area displays a table titled 'New Cases' with four rows: 1. Indonesia (4,257,243), 2. DKI Jakarta (864,008), 3. Jawa Barat (707,934), and 4. Jawa Tengah (486,435). To the right of the table is a sidebar titled 'Pemilih filter' with a 'BUAT FILTER' button. Below the table, a modal window titled 'Buat Filter' is open. It contains a 'Nama' field with the value 'covid_19_indonesia_time_series_all.csv', a file upload icon, and a 'Berisi' dropdown menu. The 'Berisi' dropdown is expanded, showing 'Indonesia' selected. There are also 'Sertakan' and 'RBC Location' buttons. Below the dropdown, there are 'ATAU' and 'DAN' buttons. At the bottom of the modal, it says 'Filter ini memiliki 1 klaus' and has a 'SIMPAN' button. The status bar at the bottom shows various icons and the date '13/03/2022'.

Create a Filter and select the menu Kecualikan, Location, Berisi, and Indonesia. Then Save

Diki Wahyu P Visualisasi Data

Location	New Cases
1. DKI Jakarta	864.006
2. Jawa Barat	707.934
3. Jawa Tengah	486.435
4. Jawa Timur	399.467
5. Kalimantan Timur	158.245
6. Daerah Istimewa Yogyakarta	156.769
7. Banten	132.693
8. Riau	128.824
9. Bali	114.233
10. Sulawesi Selatan	109.919
...	...
	1 - 34 / 34

Diagram > Tabel

DATA GAYA

Rentang tanggal default

- Otomatis
- Kustom

Rentang tanggal otomatis

Rentang tanggal perbandingan

Tidak ada

Filter

Filter Tabel

- Location filter
- + TAMBAHKAN FILTER

Interaksi diagram

Lintas-filter

Kolom yang Tersedia

- RBC Special Status
- RBC Time Zone
- 123 Total Active Cases
- 123 Total Cases
- 123 Total Cases per Million
- RBC Total Cities
- 123 Total Deaths
- 123 Total Deaths per 100b
- 123 Total Deaths per Million
- 123 Total Districts
- 123 Total Recovered
- 123 Total Regencies
- RBC Total Rural Villages
- RBC Total Urban Villages
- 123 Record Count
- + TAMBAHKAN KOLOM
- + TAMBAHKAN PARAM...

Langkah 8

Maka keterangan Indonesia akan hilang. Dihapus karena melambangkan total dari provinsi-provinsi yang ada di “Location”.

Langkah 9

The screenshot shows a Google Data Studio interface. On the left, there is a table titled "Location" with columns "Location" and "Total Cases". The data includes:

Location	Total Cases
1. DKI Jakarta	864.008
2. Jawa Barat	707.934
3. Jawa Tengah	486.435
4. Jawa Timur	399.467
5. Kalimantan Timur	158.245
6. Daerah Istimewa Yogyakarta	156.769
7. Banten	132.693
8. Riau	128.824
9. Bali	114.233
10. Sulawesi Selatan	109.919
...	...
	1 - 34 / 34 < >

To the right of the table is a "SUM Total Cases" metric configuration panel. The "Nama" field contains "Total Cases". Under "Agregasi", "Total" is selected. Under "Jenis", "Angka" is selected. The "Penghitungan perbandingan" and "Penghitungan yang berjalan" dropdowns both show "Tidak ada". A sidebar on the right lists various metrics like "Special Status", "Time Zone", and "Total Active Cases".

Lalu agar tidak ada salah penafsiran, maka kita ganti New Case menjadi Total Cases di menu Metrik

The screenshot shows a Google Data Studio report titled "Diki Wahyu P_Visualisasi Data". The main area displays a table with the following data:

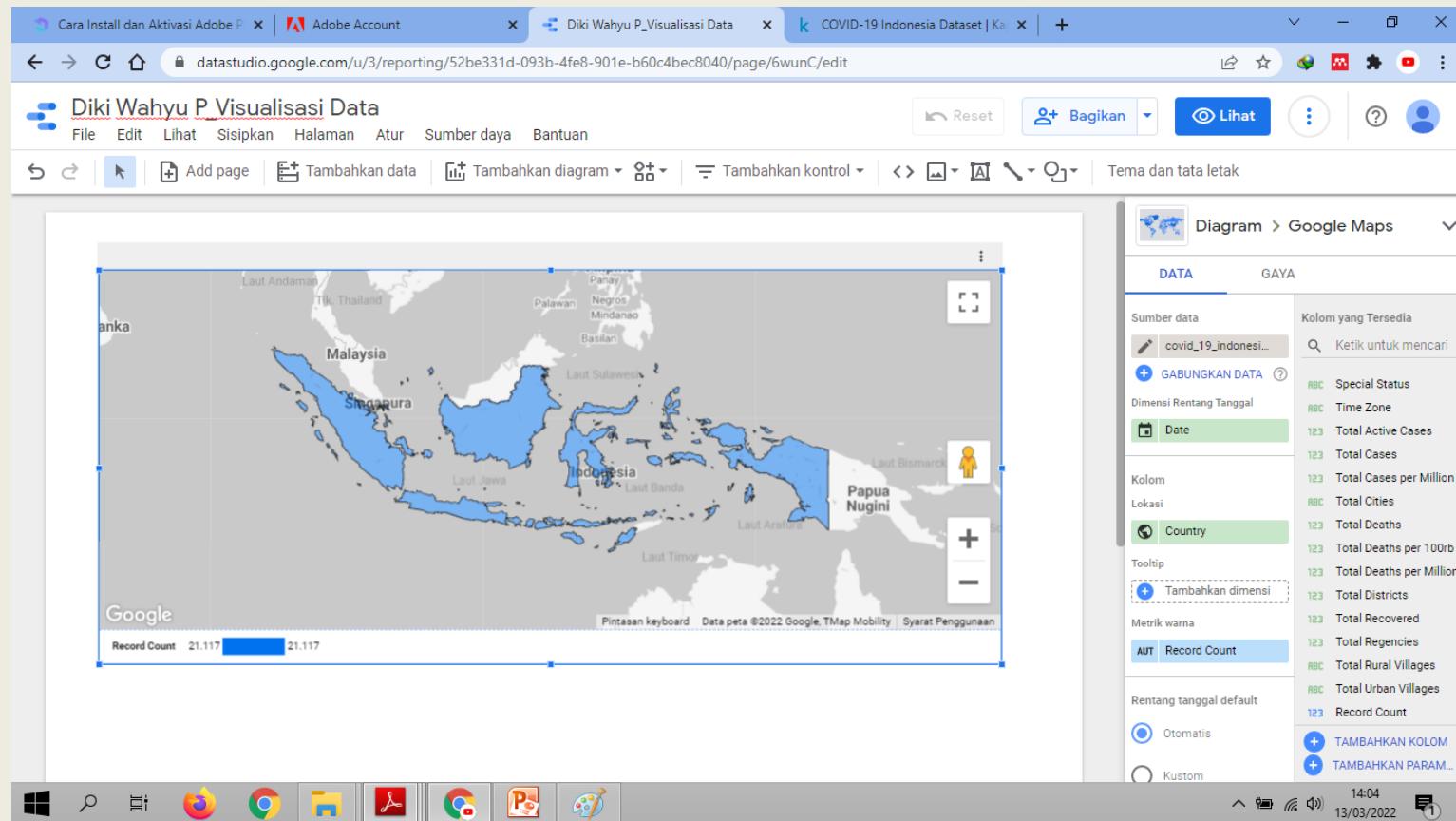
Location	Total Cases
1. DKI Jakarta	864.008
2. Jawa Barat	707.934
3. Jawa Tengah	486.435
4. Jawa Timur	399.467
5. Kalimantan Timur	158.245
6. Daerah Istimewa Yogyakarta	156.769
7. Banten	132.693
8. Riau	128.824
9. Bali	114.233
10. Sulawesi Selatan	109.919
...	...
	1 - 34 / 34

To the right of the table is a sidebar titled "Diagram > Tabel". It contains a grid of icons representing different chart types, with "Peta bidang" (Map) highlighted. Below the grid, there are sections for "DATA" and "GAYA". Under "DATA", there is a table with columns "RBC" and "Location". The "Location" column has a "Tambahkan dimensi" button. Under "GAYA", there is a section for "Metrik" with "SUM Total Cases" selected, also with a "Tambahkan metrik" button.

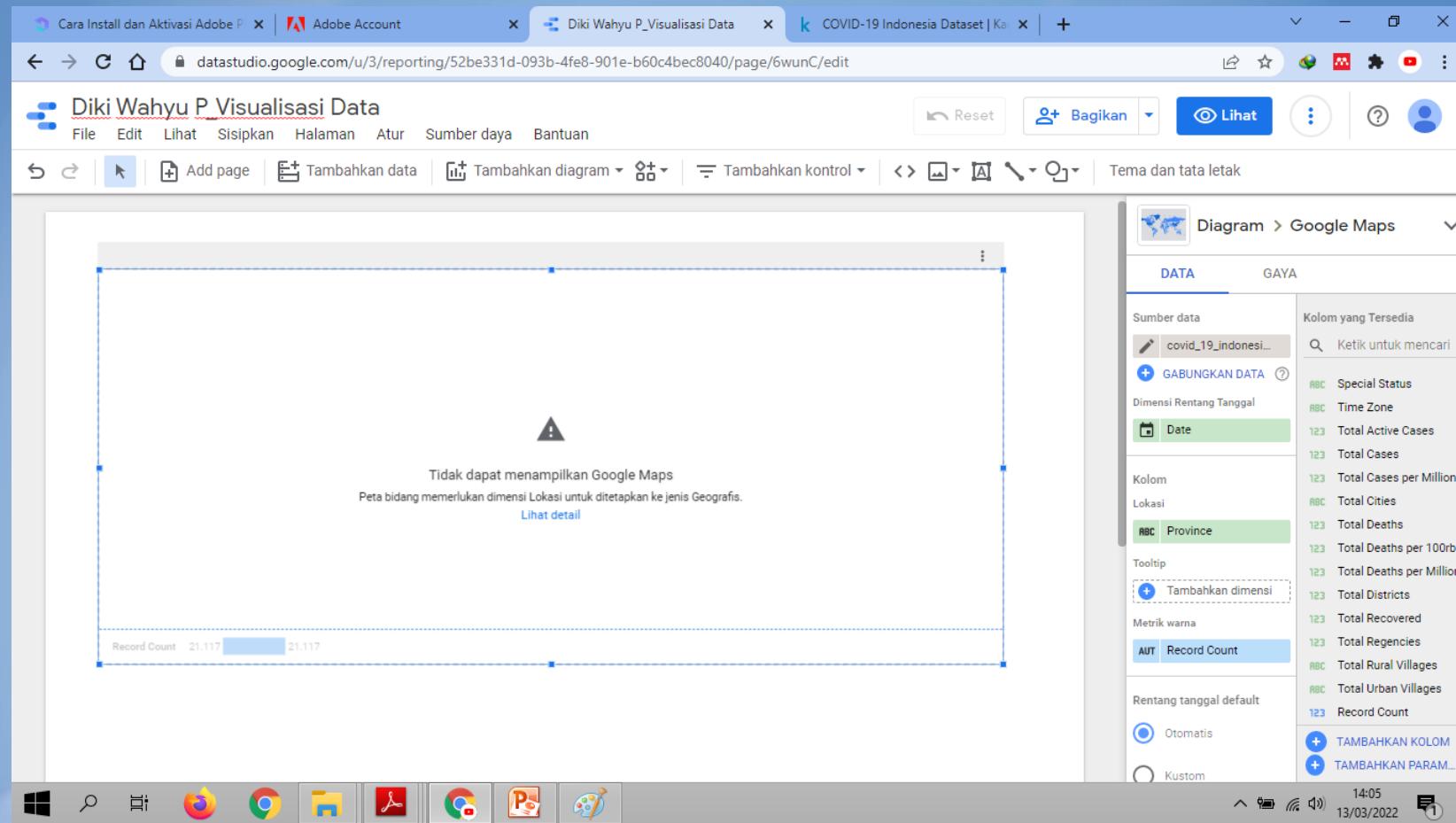
Langkah 10

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

Langkah 11



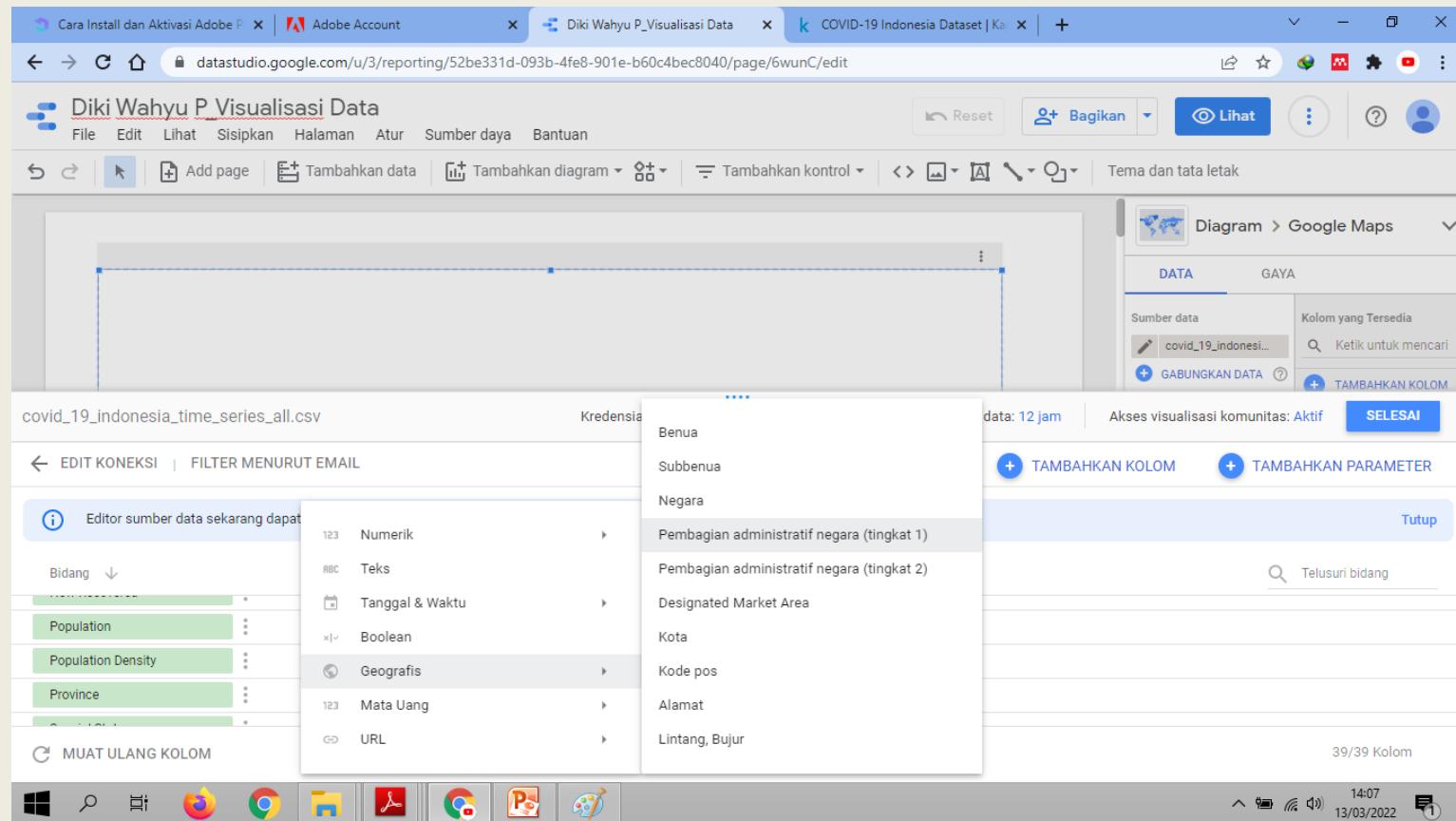
Selanjutnya akan muncul tampilan ini dan ubah Country di Lokasi menjadi Province



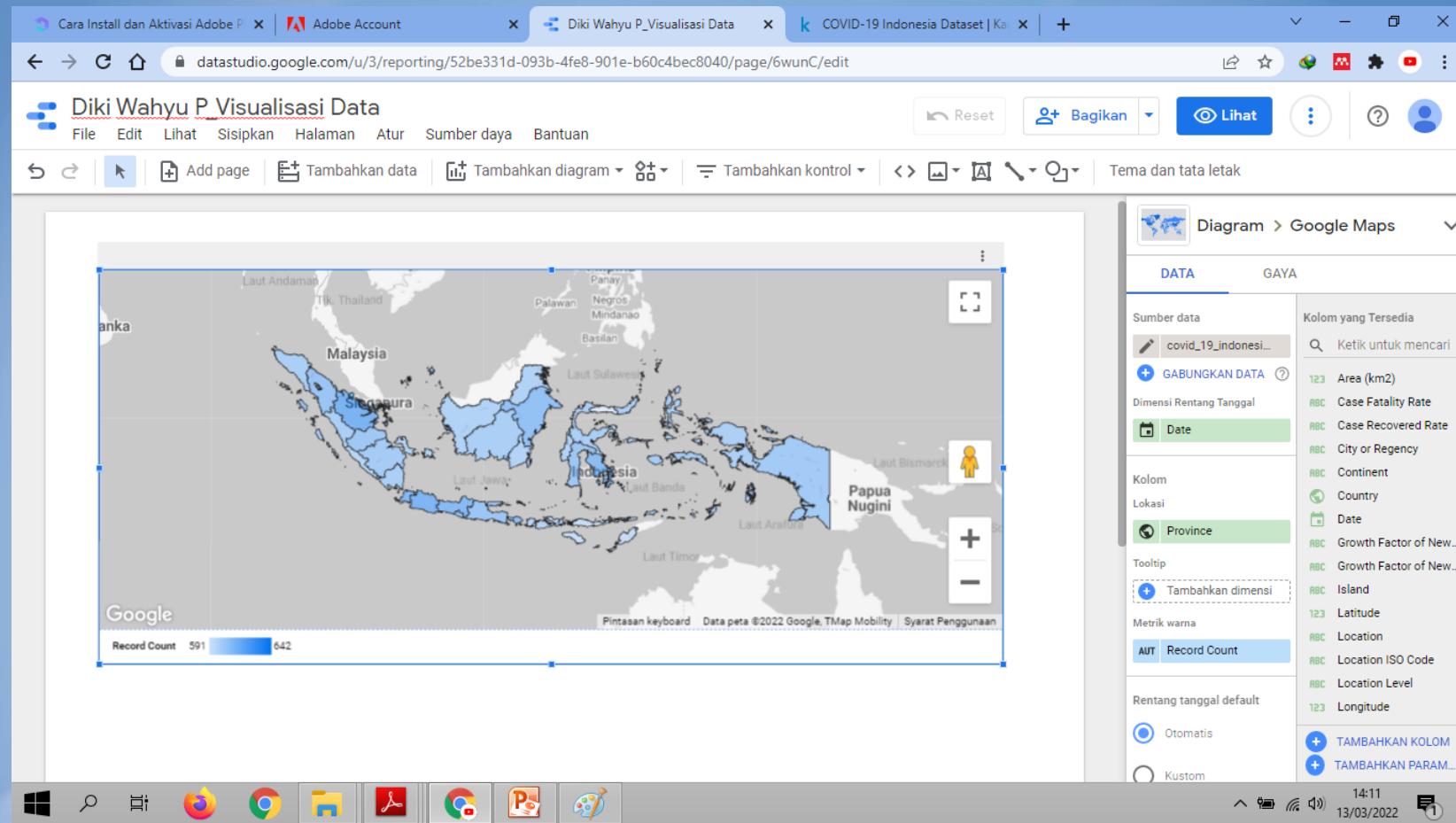
Langkah 12

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

Langkah 13



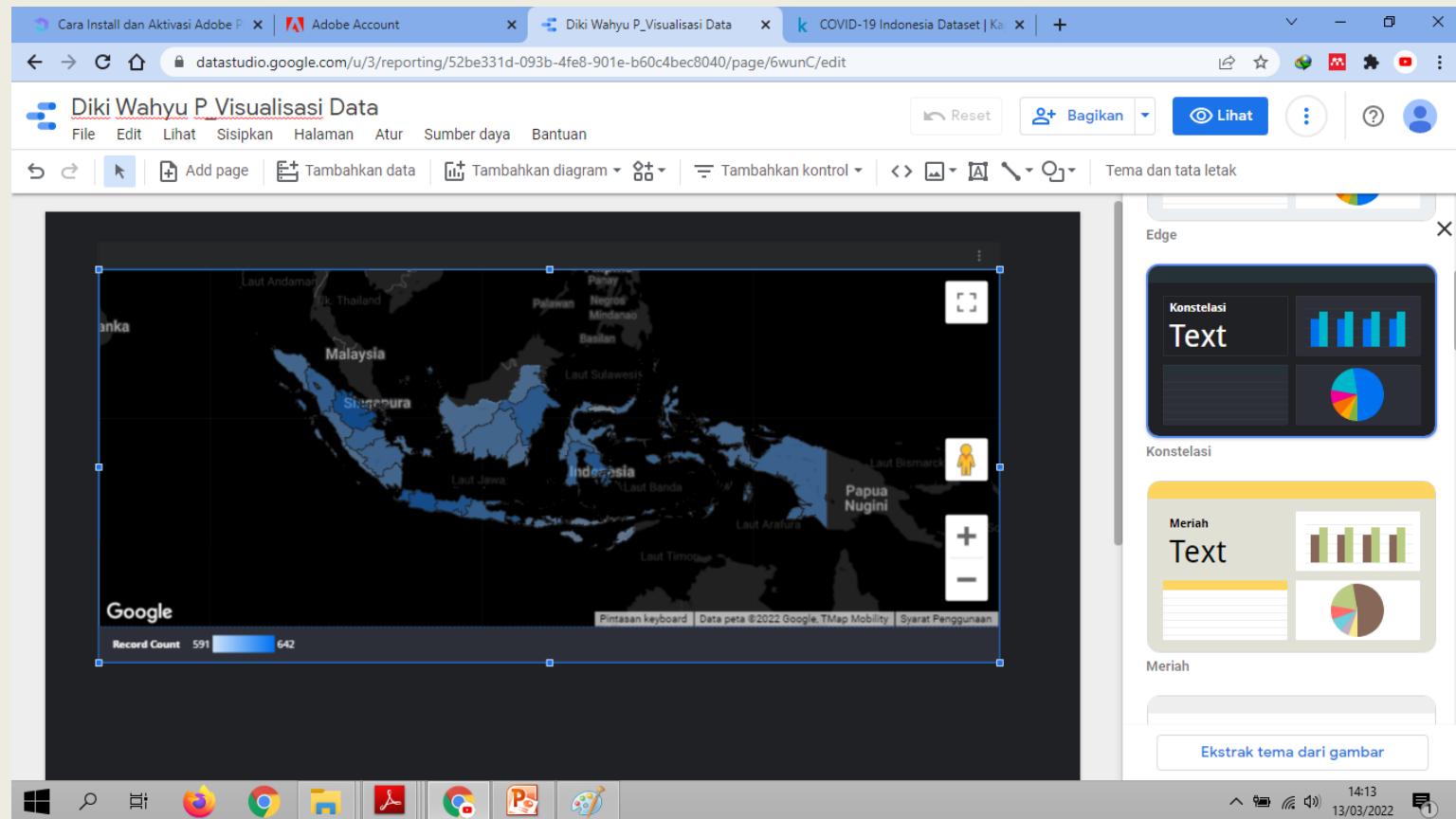
Edit sumber data kemudian scroll sampe ada province, klik teks di sampingnya dan isi seperti di atas. Dan klik Selesai.



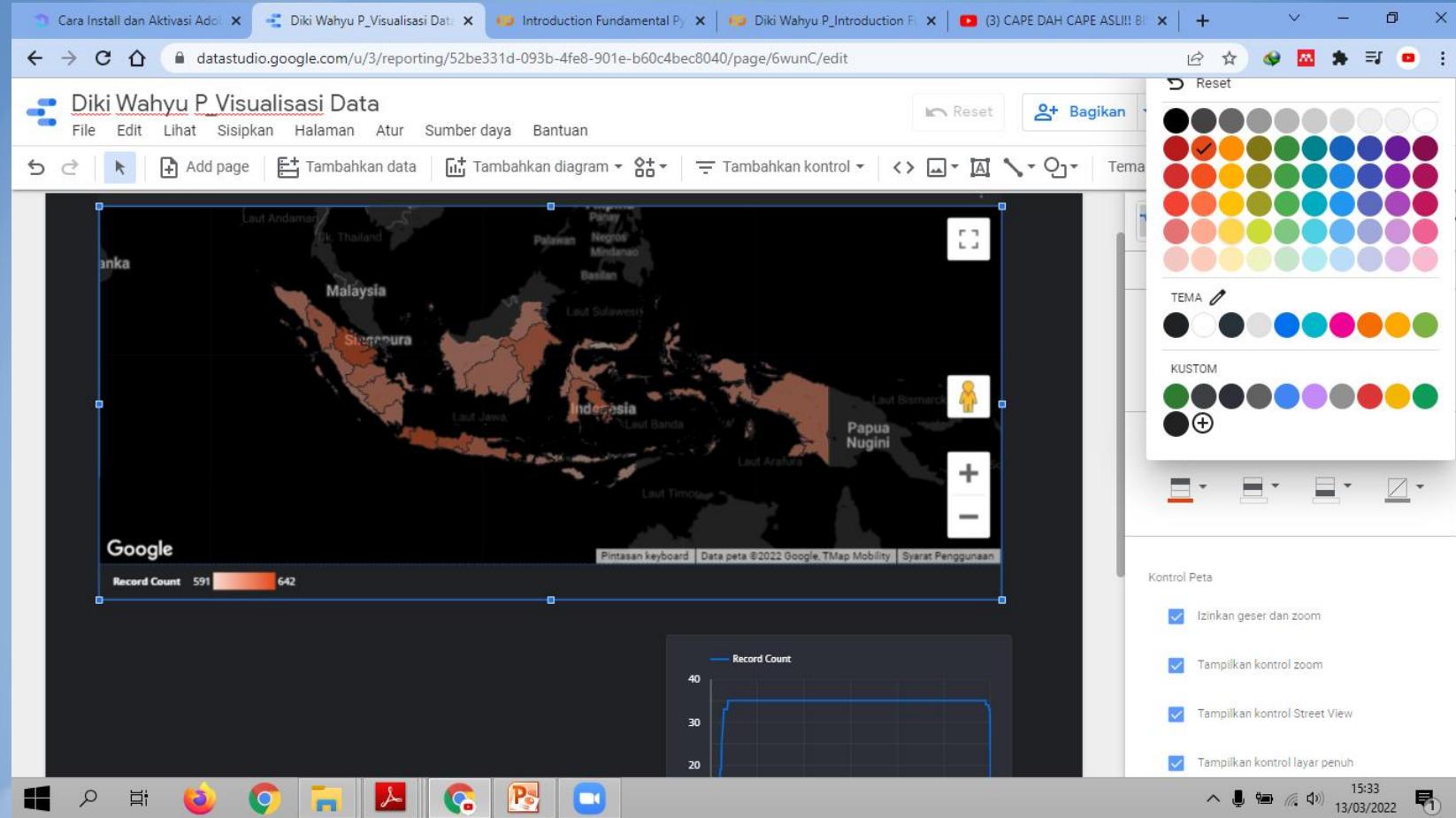
Langkah 14

Maka akan muncul tampilan seperti ini

Langkah 15



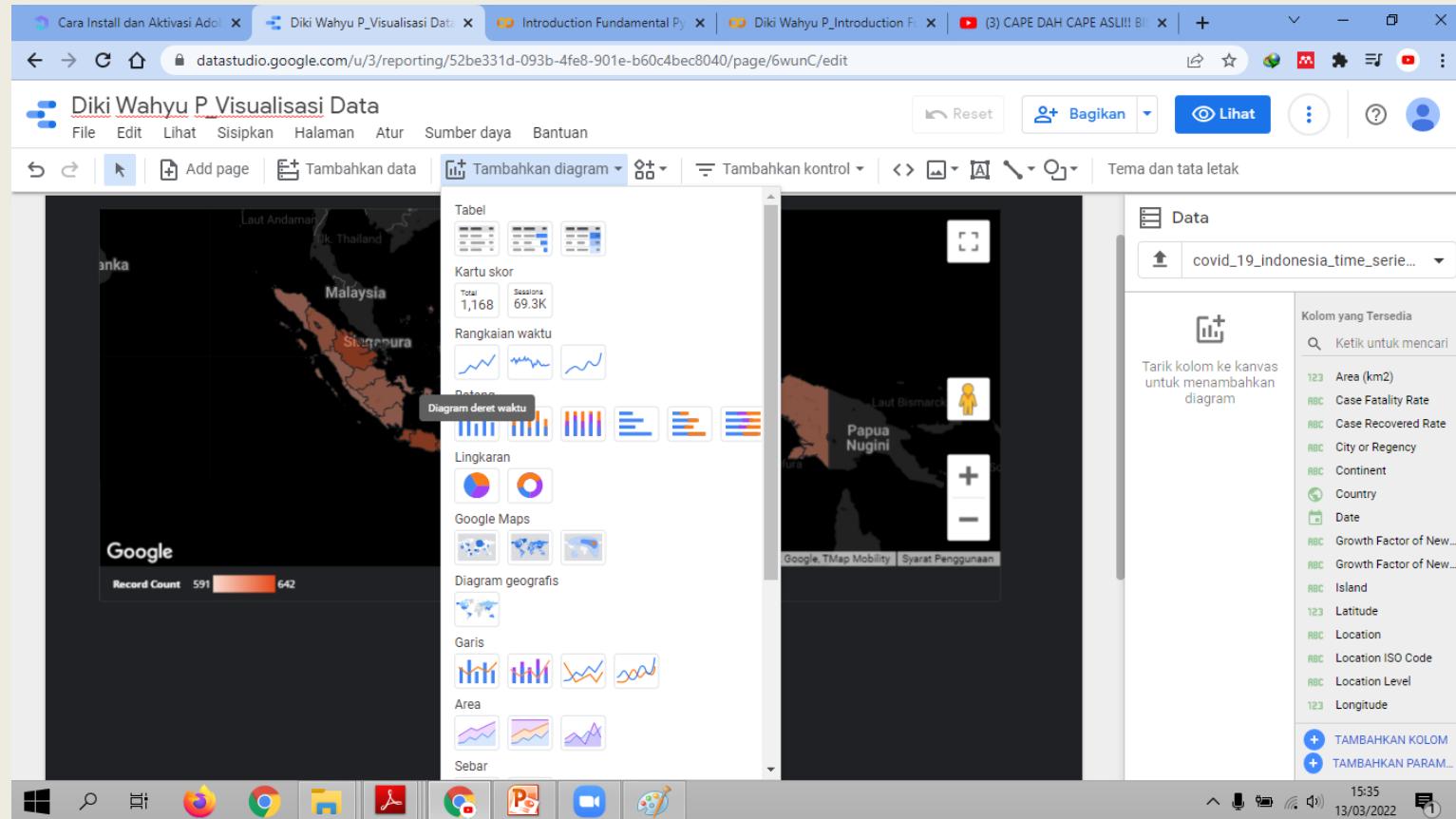
Kita bisa mengganti tema dengan cara klik Tema dan Tata Letak, kemudian kita pilih Konstelasi



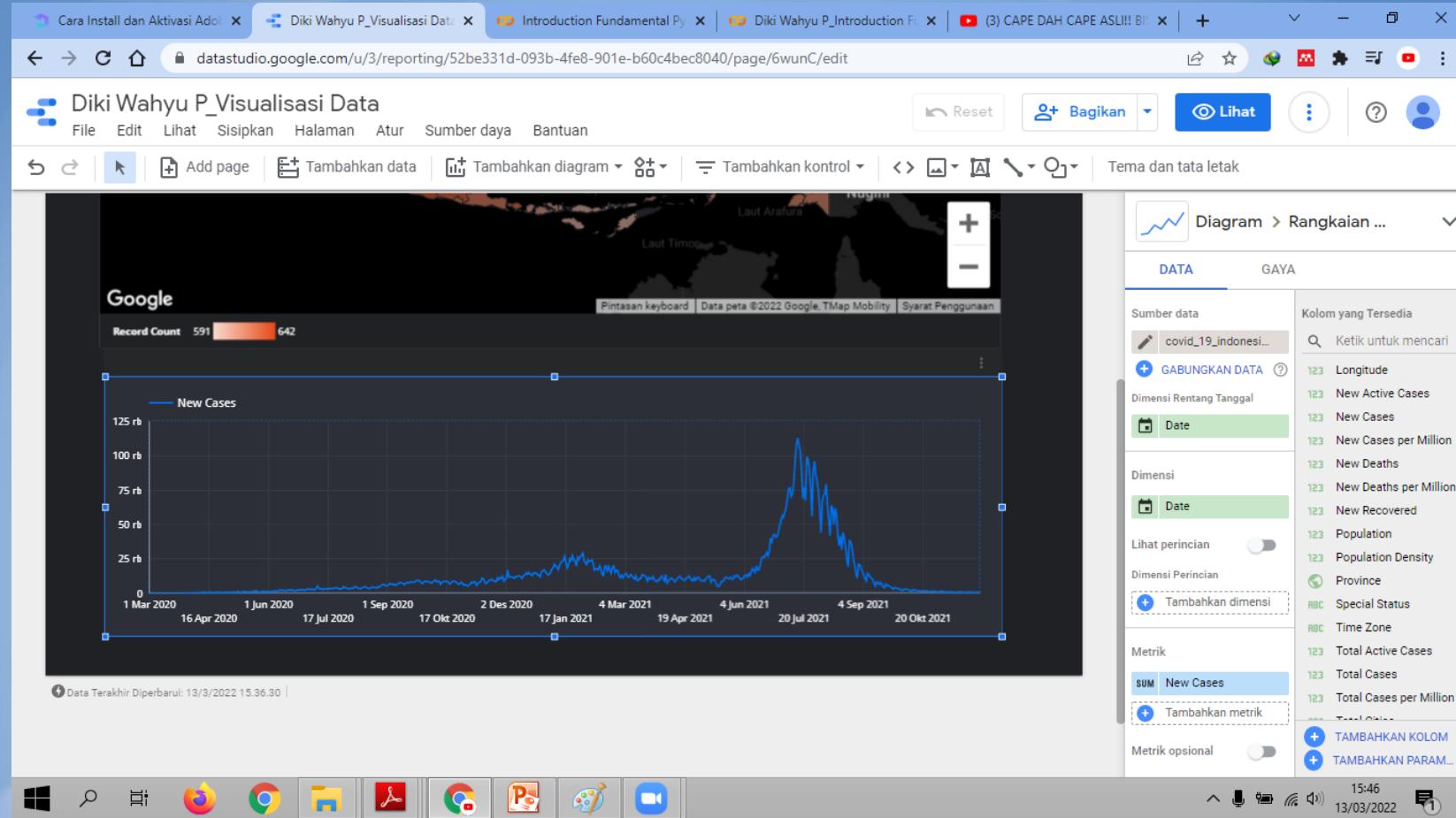
Langkah 16

Pilih warna orange. Maka akan muncul tampilan seperti ini

Langkah 17



Kemudian akan dibuat diagram kedua yaitu Diagram Deret Waktu.

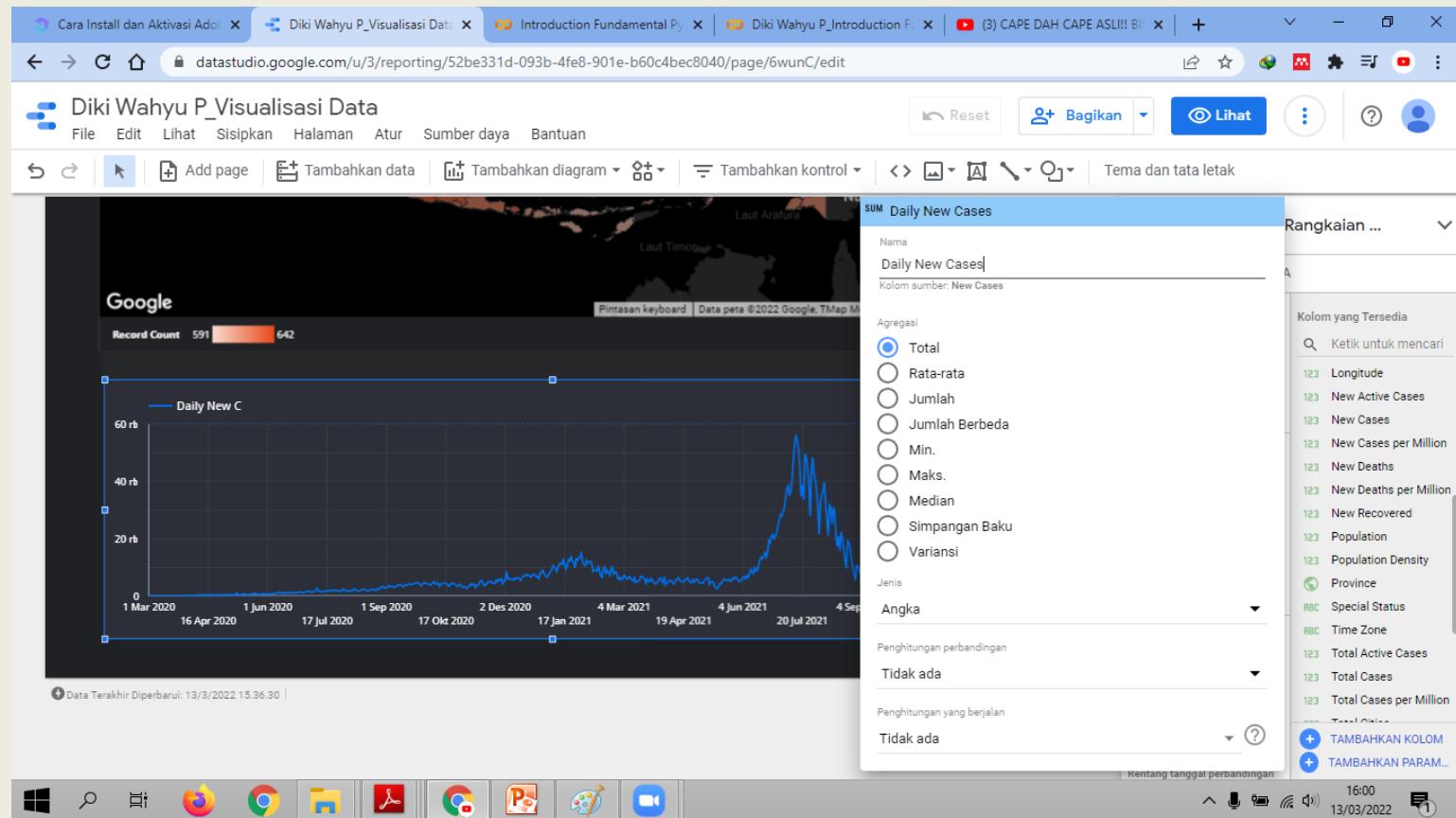


Langkah 18

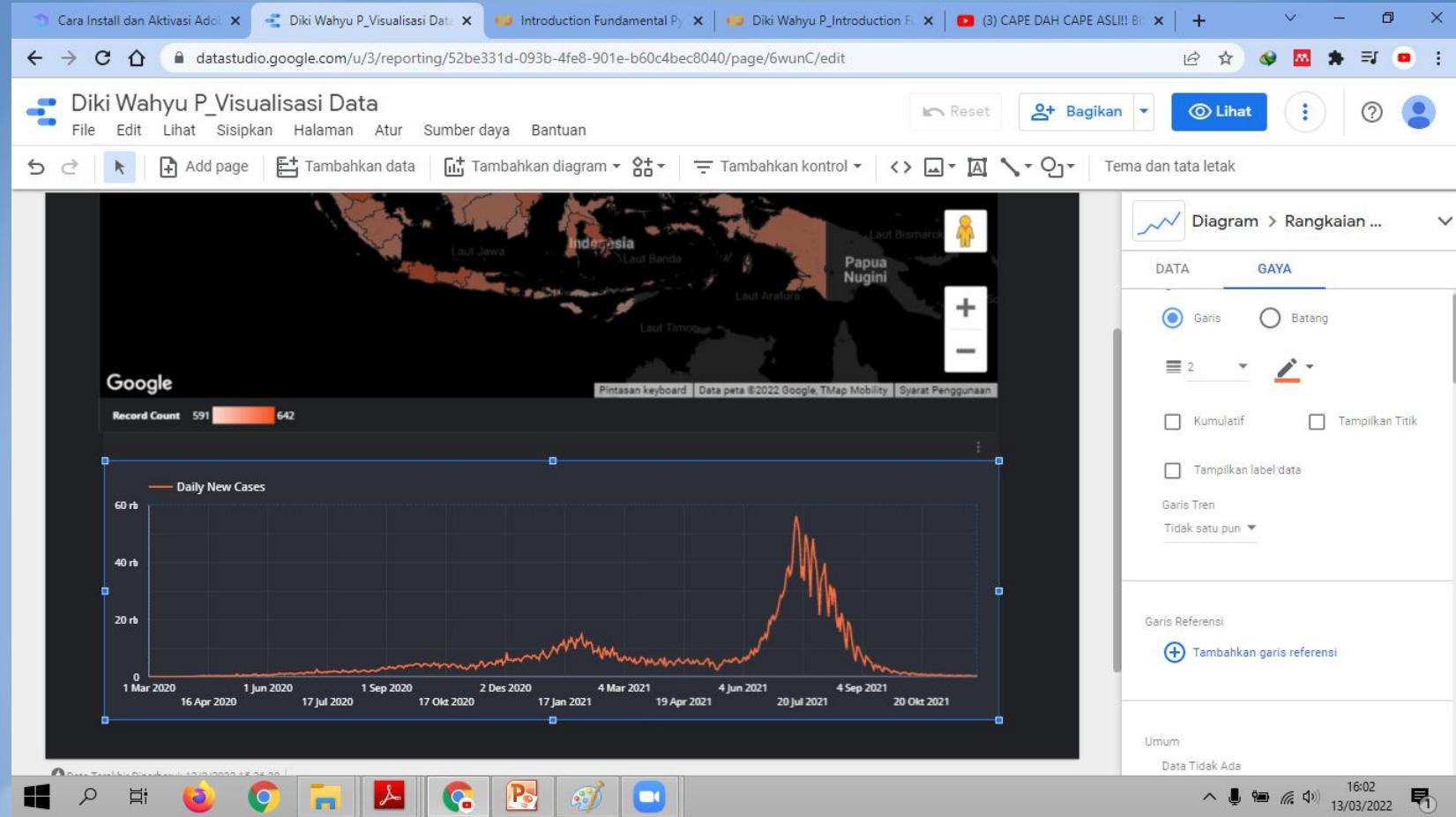
Maka akan muncul tampilan seperti ini

AI

Langkah 19



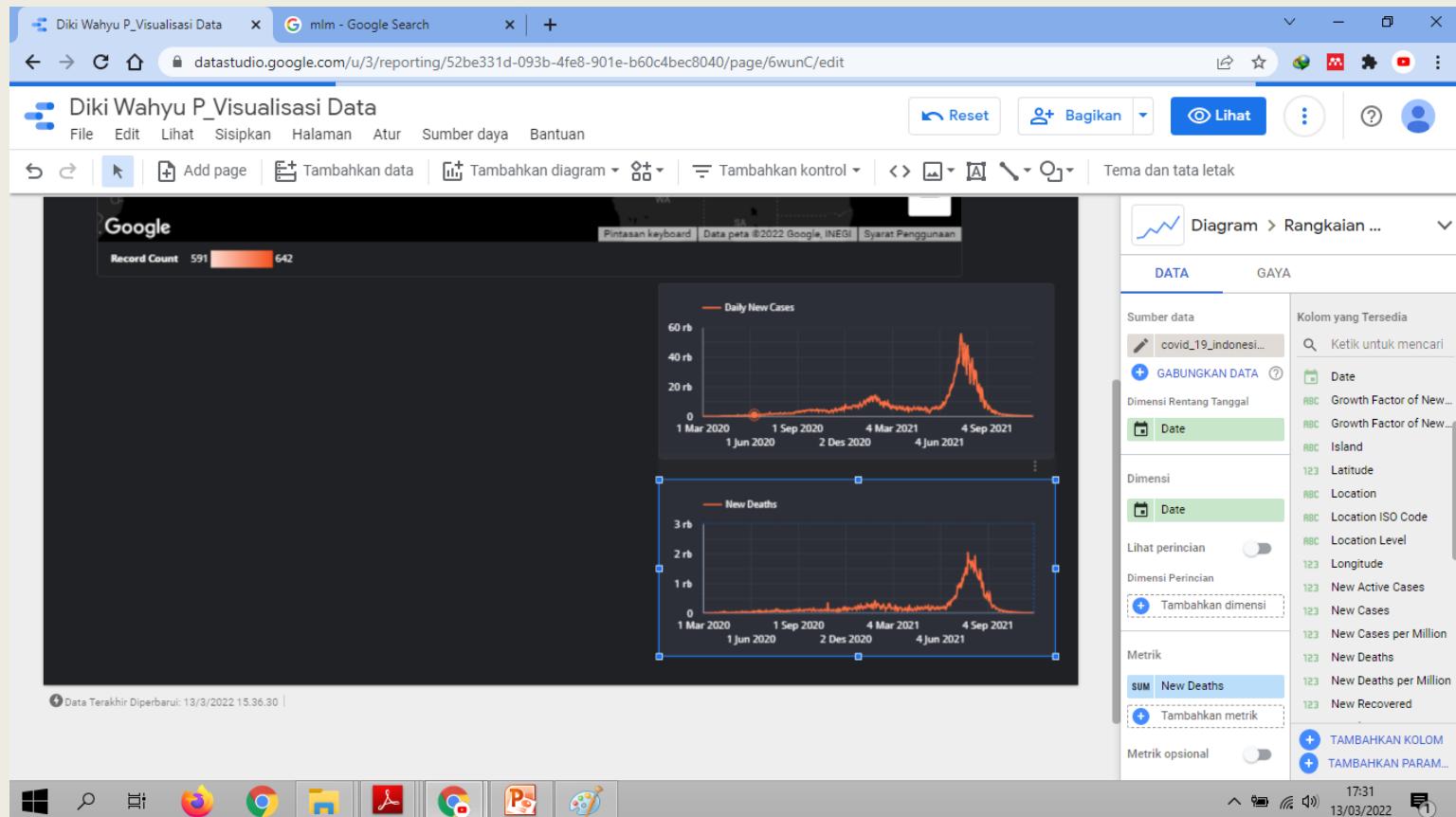
Kemudian masukkan metrik dengan “New Cases” dan hapus “Record Counts”. Dan ubah menjadi Daily New Cases.



Langkah 20

Kita bisa mengganti warna garis dengan orange di bagian Gaya.

Langkah 21



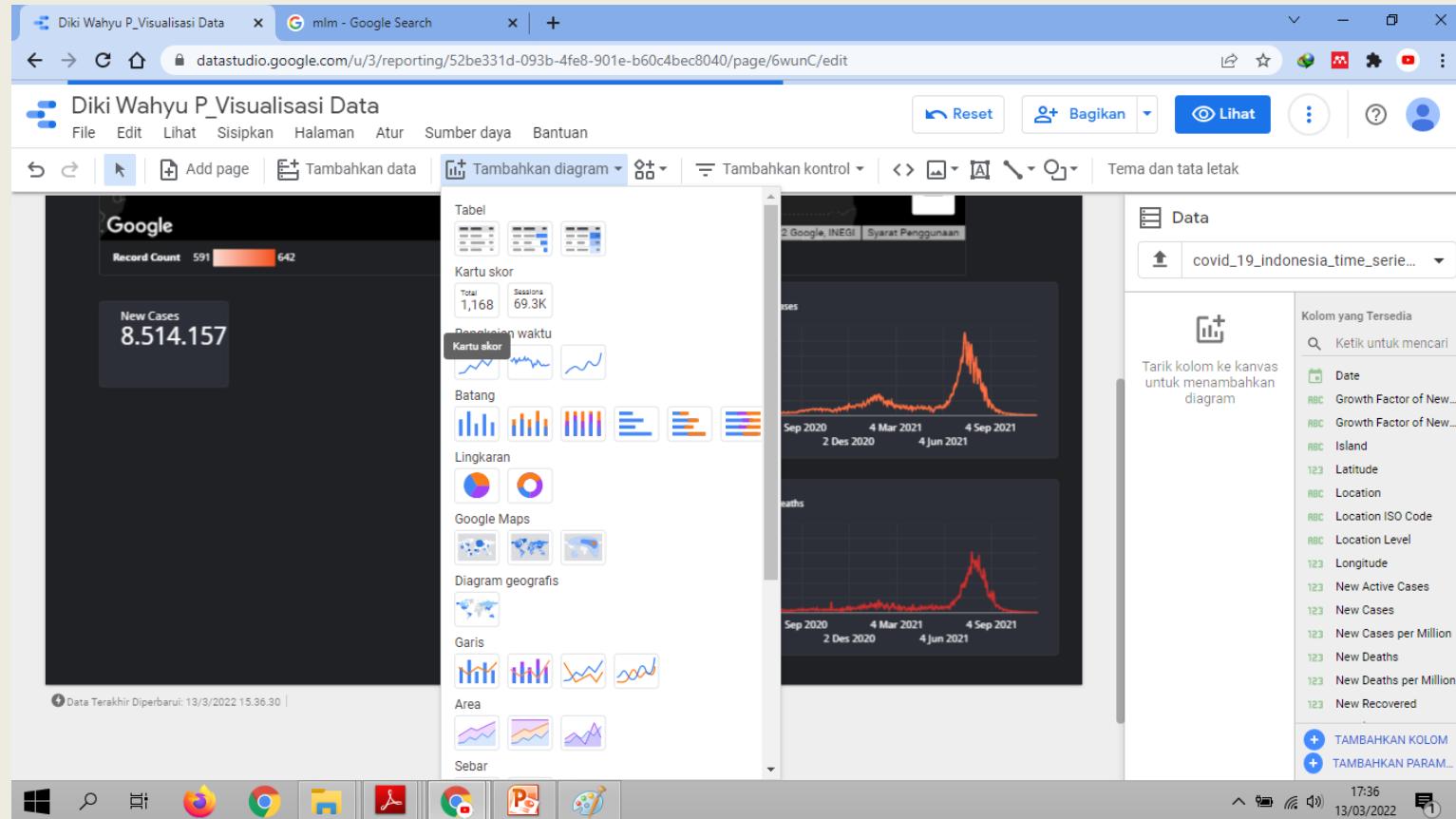
Kemudian kita buat diagram untuk New Deaths yaitu dengan copas diagram sebelumnya dan masukkan variabel New Deaths ke Metrik.



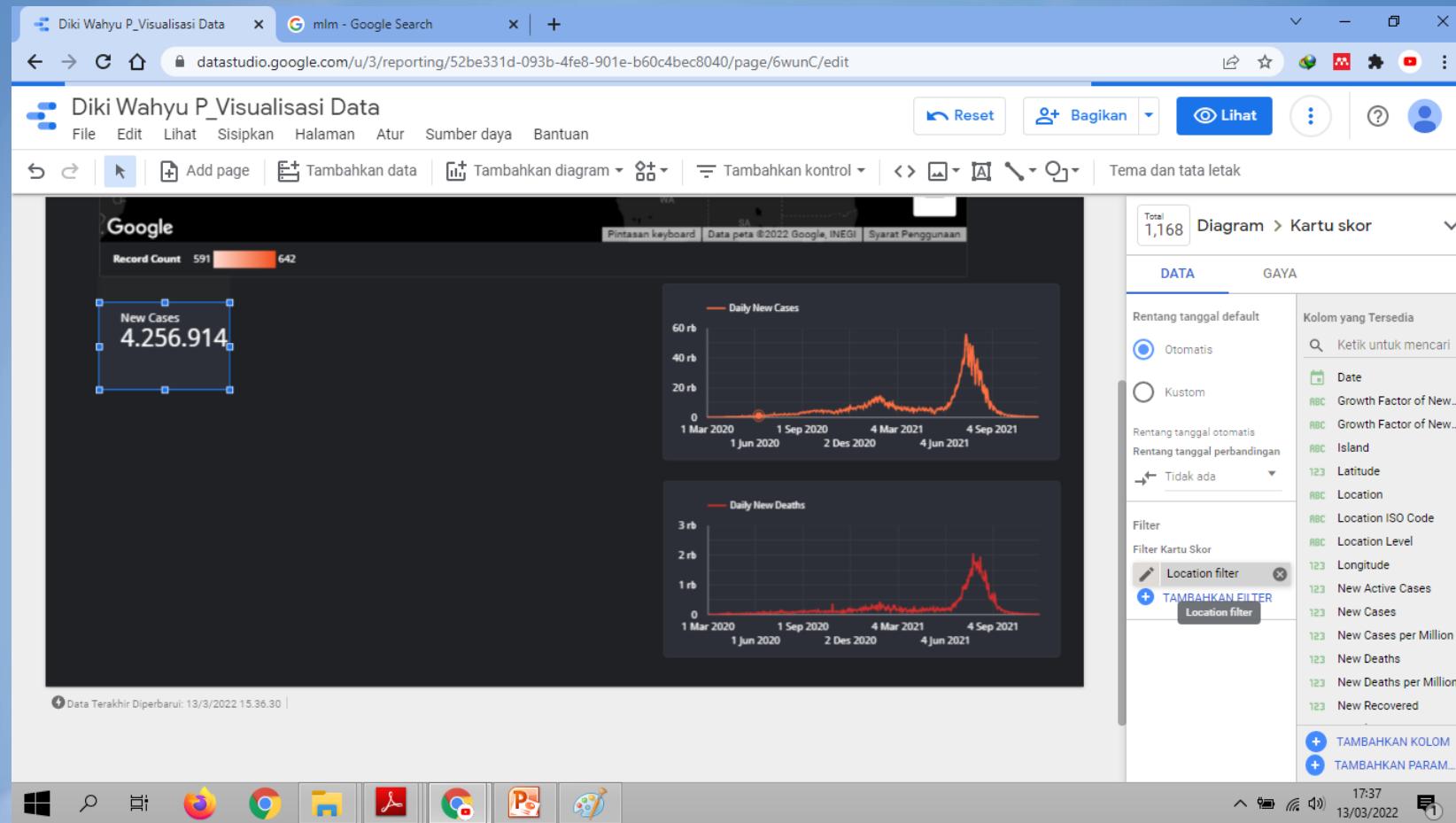
Langkah 22

Kita bisa mengganti warna garis dengan merah di bagian Gaya.

Langkah 23



Sekarang akan dibuat ringkasan dari data yang dibuat.
Tambahkan diagram dan pilih kartu skor.

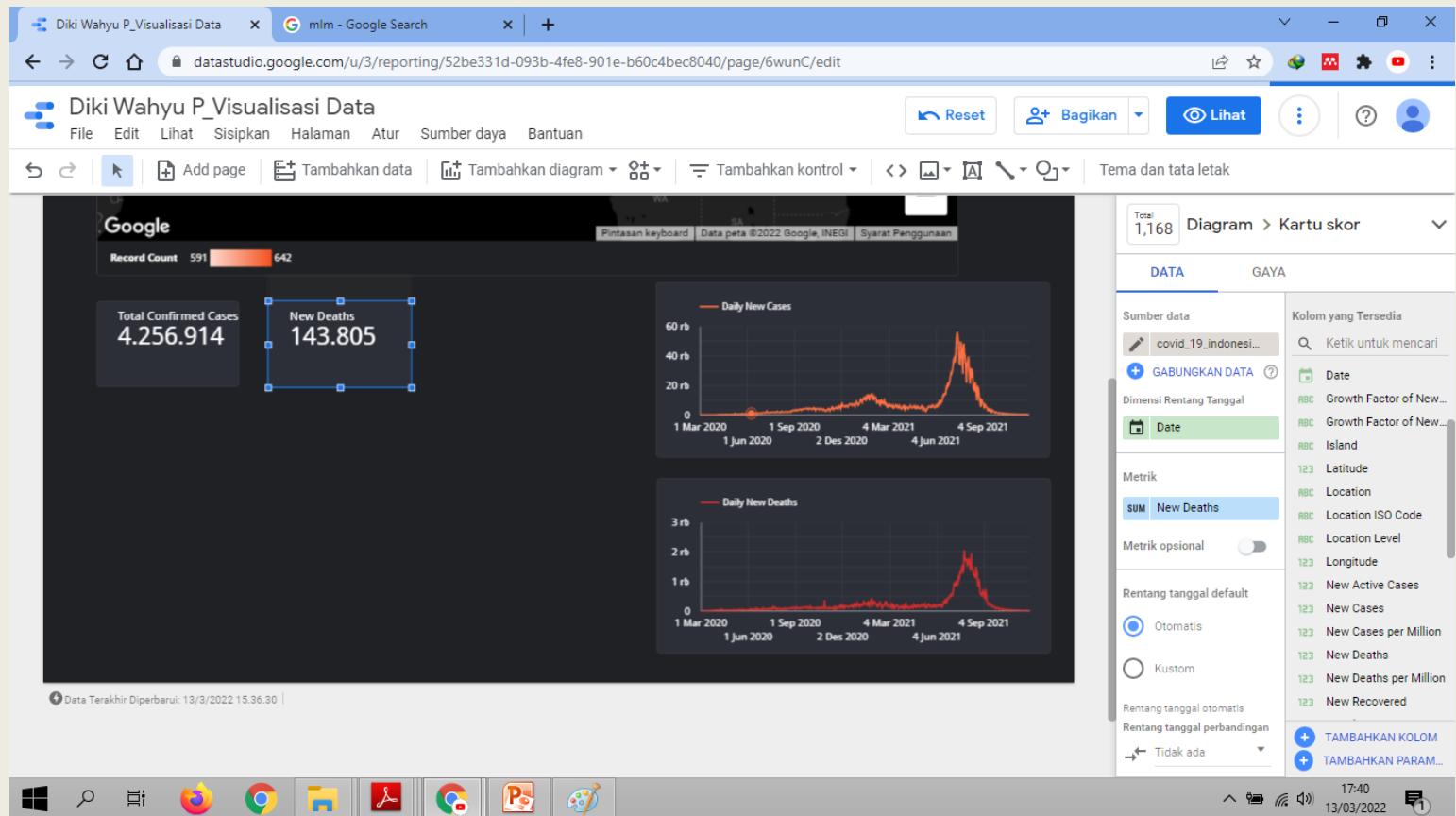


Langkah 24

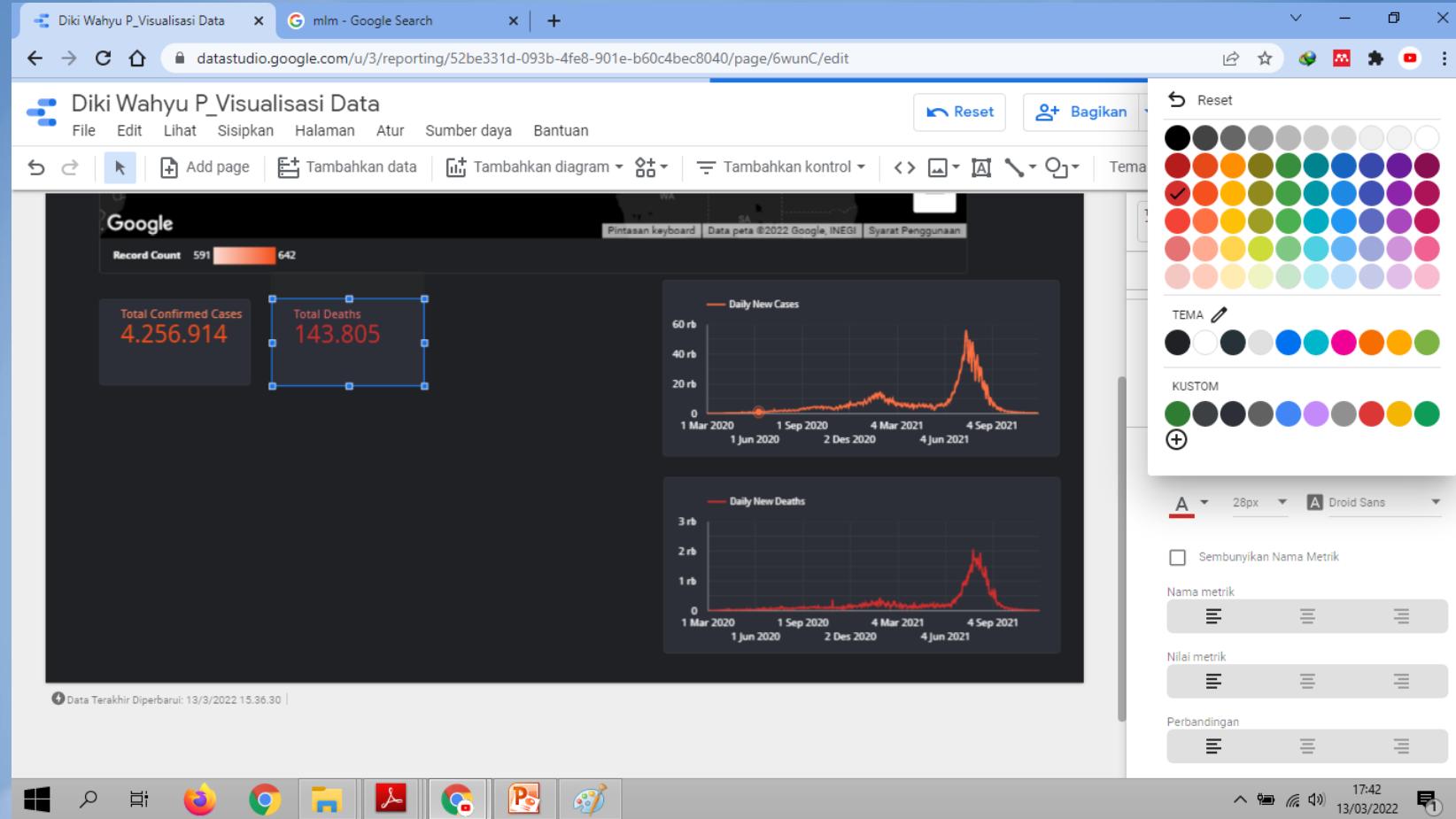
Maka akan muncul tampilan seperti ini dan ubah New Cases menjadi Total New Cases

A

Langkah 25



Lalu buat untuk yang New Deaths dengan cara copas dan masukkan variabel New Deaths ke Metrik.



Langkah 26

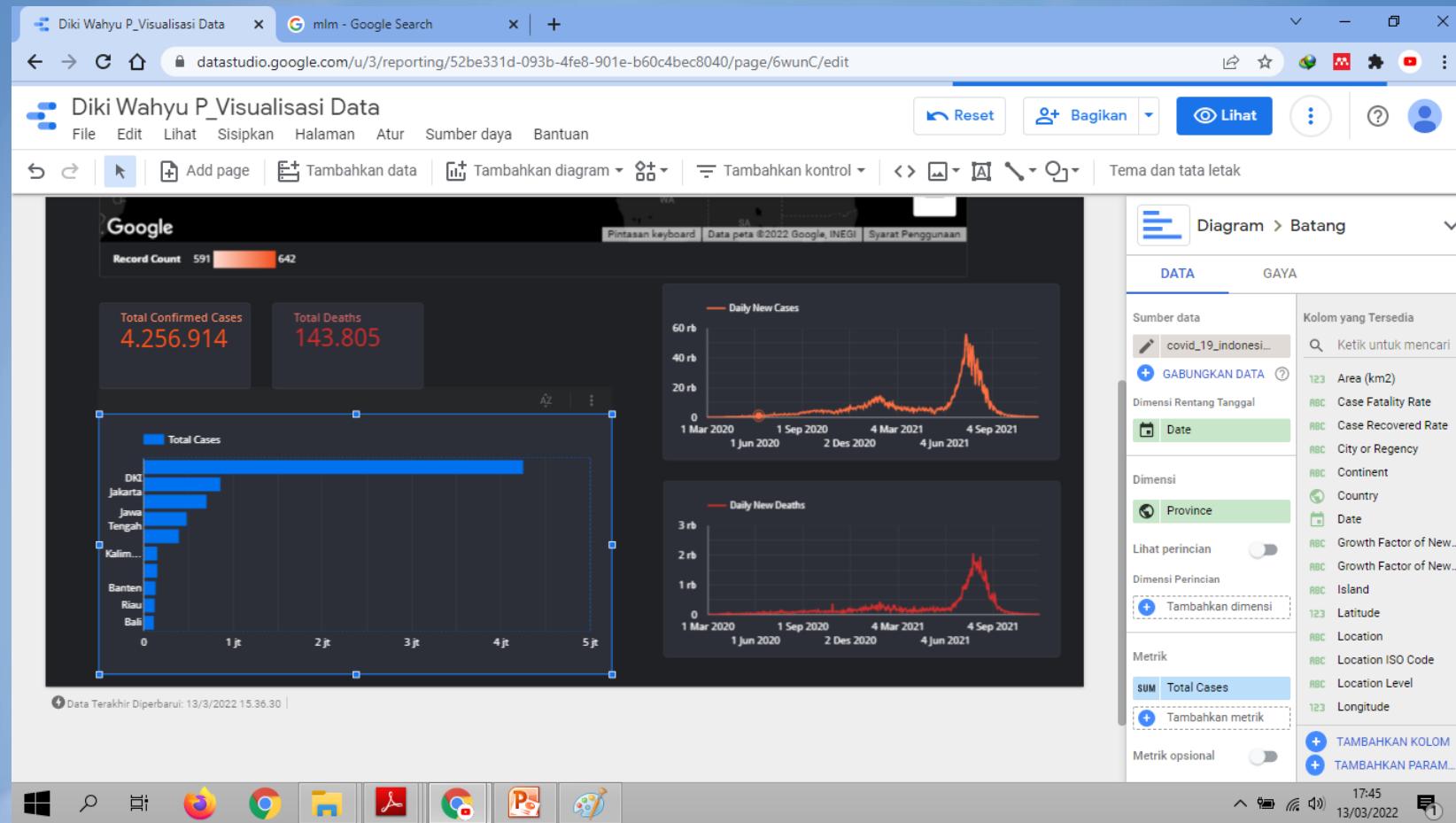
Kita bisa mengganti warna keduanya dengan orange dan merah



Langkah 27

The screenshot shows a Google Data Studio dashboard titled "Diki Wahyu P_Visualisasi Data". The dashboard includes a card with "Record Count 591" and two line charts showing trends from Sep 2020 to Sep 2021. A sidebar on the right lists various chart types, with "Diagram batang" selected. The interface has a dark theme with light-colored text and icons.

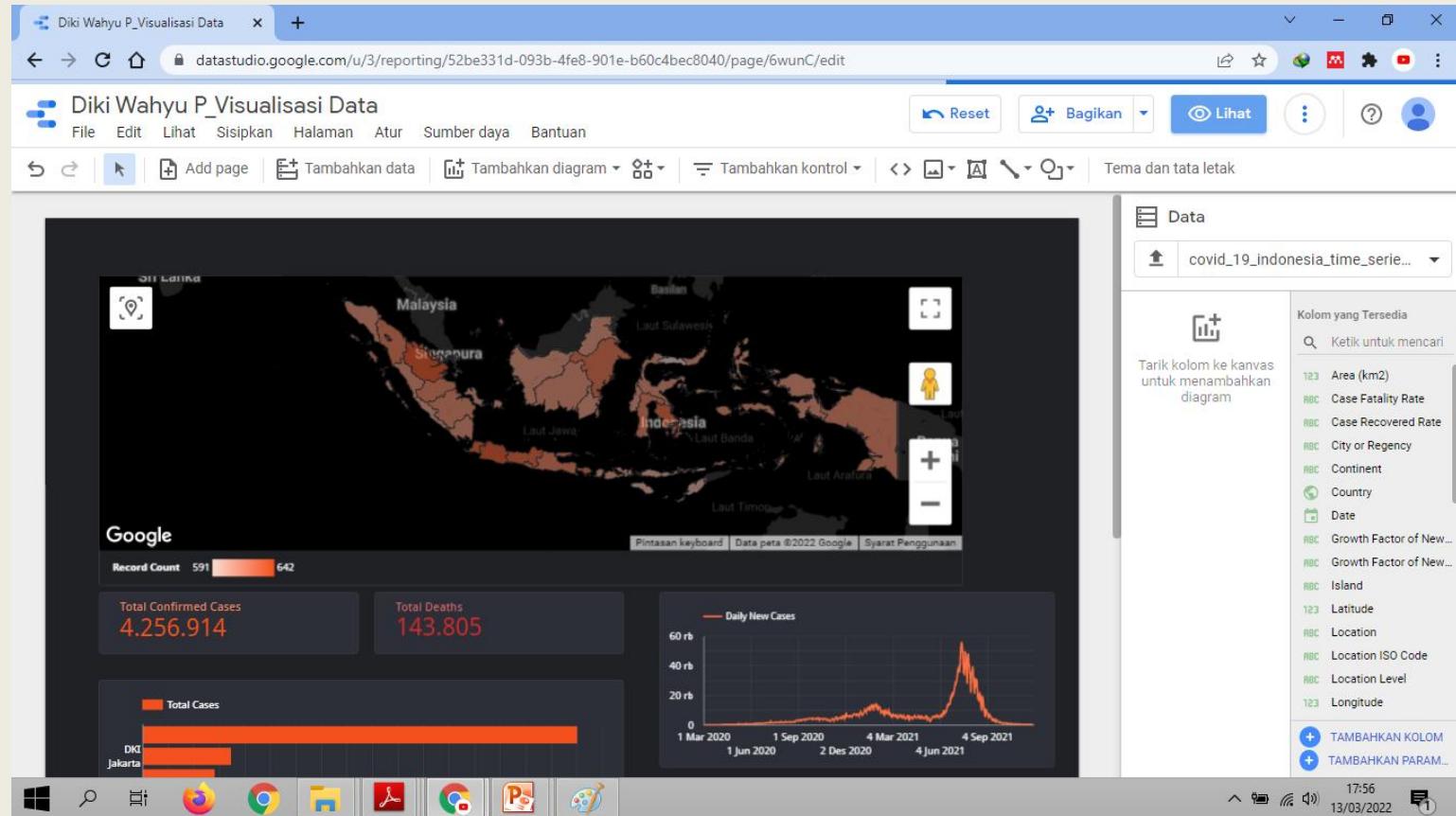
Terakhir membuat diagram batang yang melambangkan data per Provinsi. Tambakan diagram dan pilih Diagram Batang.



Langkah 28

Maka akan muncul tampilan Diagram Batang seperti ini dan kita ubah warnanya menjadi orange

Langkah 29



Visualisasi Data sudah jadi dan jika ingin melihat full, cukup tekan Lihat di bagian atas

VISUALISASI DATA



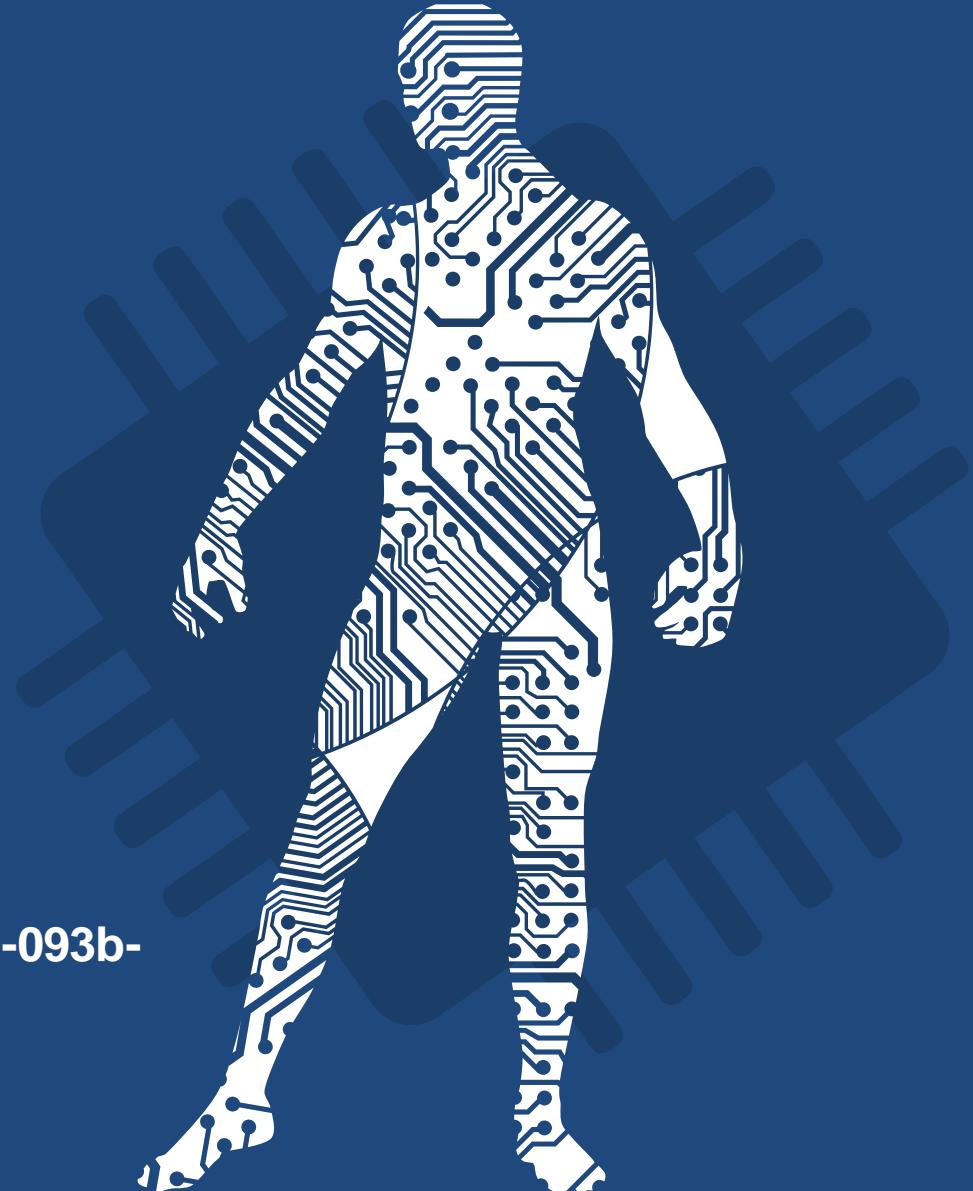
References

01 https://www.youtube.com/watch?v=Nq0MJ1pFl_A

02 <https://www.kaggle.com/hendratno/covid19-indonesiam>

03 datastudio.google.com

04 <https://datastudio.google.com/reporting/52be331d-093b-4fe8-901e-b60c4bec8040>



藍染惣右介・井上織姫・黒崎一護・阿散井恋次・石田雨竜

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一
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バ
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ありがとう
Thank You

B

H

十年
戦
師

ART BY ROZUBERRY