



# MAKING COVID-19 DATA VISUALIZATION

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# PROFIL

## Summary

I have experience in economics and business for 3 years, especially in the field of Marketing, Digital Business, Corporate Management and Banking

I had experienced in organizations such as, Management Student Association as Vice Manager, Leader of Campus as Library Ambassador and Runner Up Ambassador, BI Corner Community as Head of Division

I also have experience for join Studi Independen and learning about Python and Artificial Intellegence

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GitHub : <https://github.com/Adefrmnsyh>



# Step 1

The screenshot shows the Google Data Studio homepage. The URL <https://datastudio.google.com/u/0/navigation/reporting> is highlighted with a red box in the browser's address bar. Below the address bar, the Data Studio logo and a search bar labeled "Telusuri di Data Studio" are visible. A navigation menu at the top includes "Buat", "Terbaru", "Laporan" (which is selected), "Sumber data", and "Penjelajah". On the left, a sidebar shows "Terbaru" and lists "Dibagikan kepada saya", "Milik saya", "Sampah", and "Templates". The "Templates" section contains a card for "Laporan Kosong Data Studio" with a red arrow pointing to it. The main content area displays several report cards: "Learn how to view, edit and create a Data Studio report", "ACME Marketing Metrics Summary", "Pemasaran Acme Google Analytics", and "Google Search Console Report Search Console". At the bottom, there are filters for "Nama", "Milik siapa saja", and "Terakhir saya buka".

<https://datastudio.google.com>



Login or sign up with your Gmail account  
Then Create New Report / Blank Report





## Download the dataset from Kaggle

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

The screenshot shows the Kaggle website interface. On the left, there's a sidebar with navigation links: Create, Home, Competitions, Datasets, Code, Discussions, Courses, and More. Below these are sections for Your Work and Recently Viewed datasets. The main content area displays a dataset titled "COVID-19 Indonesia Dataset" by Hendratno. The dataset is described as "Based on reports from official sources". It has 210 upvotes and was updated 3 months ago (Version 84). The "Data" tab is selected. A prominent "Download (5 MB)" button is visible. Below the download button, a message says "Your Dataset download has started. Show your appreciation with an upvote" and shows a row of user profile icons. At the bottom, there are sections for Usability (10.0), License (CC BY-NC-SA 4.0), and Tags (business, health, covid19, public health, diseases).

## Upload the dataset to Google Data Studio

The screenshot shows the Google Data Studio interface with a dark blue background featuring a globe graphic. At the top, there's a large blue cloud icon with an upward arrow. The main title "Upload the dataset to Google Data Studio" is displayed prominently. Below the title, the URL "datastudio.google.com/u/0/reporting/8e2247f3-52d4-4d5f-9279-1e29cef8e646/page/HMvnC/edit" is visible in the browser header. The interface includes a navigation bar with "Laporan Tanpa Judul", "File", "Lihat", "Halaman", and "Bantuan". On the right side, there are buttons for "Reset", "Bagikan", "Lihat", and user profile information. The main content area is titled "Tambahkan data ke laporan" (Add data to report). It features a search bar labeled "Telusuri" and several data source options: "Google Analytics" (Oleh Google, Terhubung ke Google Analytics.), "Google Ads" (Oleh Google, Terhubung ke data laporan performa Google Ads.), "Google Spreadsheet" (Oleh Google, Terhubung ke Google Spreadsheet.), "BigQuery" (Oleh Google, Terhubung ke kueri kustom dan tabel BigQuery.), "Upload File" (Oleh Google, Terhubung ke file CSV (comma-separated values).), and "Amazon Redshift" (Oleh Google, Menghubungkan ke Amazon Redshift.). A red box highlights the "Upload File" option, and a large red arrow points to it from the top right.

## Step 4



Wait for a moment until the dataset is already uploaded.  
If data is already uploaded, click "Tambahkan/Add"

The screenshot shows the Google Data Studio interface for uploading a dataset. On the left, a sidebar lists datasets: 'covid\_19\_indonesia\_time\_series\_all.csv' (selected), 'covid\_19\_indonesia\_time\_series\_all.csv', and 'covid\_19\_indonesia\_time\_series\_all.csv'. The main area displays the selected file: 'covid\_19\_indonesia\_time\_series\_all.csv' (5 MB, 1 file, created 3/13/22 5:29 PM, last modified 3/13/22 5:29 PM). Below this, a table shows the uploaded file: 'covid\_19\_indonesia\_time\_series\_all.csv' (uploaded on 3/13/22 5:29 PM, 5 MB, status 'Diupload'). A red box highlights the 'Diupload' status, and a red arrow points to the 'Tambahkan' button at the bottom right. A second red arrow points to the 'Tambahkan' button.

Nama file	Diupload pada	Ukuran	Status
covid_19_indonesia_time_series_all.csv	3/13/22 5:29 PM	5 MB	• Diupload

**Buat Set Data Baru** **Hapus Set Data** **Batal** **Tambahkan**



## Click add to report/tambahkan ke laporan

The screenshot shows a Google Data Studio interface. At the top, there's a navigation bar with a back arrow, forward arrow, refresh button, and a URL: [datastudio.google.com/u/0/reporting/8e2247f3-52d4-4d5f-9279-1e29cef8e646/page/HMvnC/edit](https://datastudio.google.com/u/0/reporting/8e2247f3-52d4-4d5f-9279-1e29cef8e646/page/HMvnC/edit). Below the bar, the title "Laporan Tanpa Judul" is visible along with standard menu options: File, Lihat, Halaman, Bantuan. The toolbar includes buttons for Add page, Tambahkan data, Tambahkan diagram, Tambahkan kontrol, and various styling tools. A central modal dialog box is open, titled "Anda akan menambahkan data ke laporan ini" (You will add data to this report). It lists two CSV files: "covid\_19\_indonesia\_time\_series\_all.csv" and "covid\_19\_indonesia\_time\_series\_all.csv". A note below 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." There is 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 highlighted by a red rectangular box. In the background, the main workspace shows a partial view of the report, including a file named "covid\_19\_indonesia\_time\_series\_all.csv" uploaded on 3/13/22 at 5:29 PM, 5 MB, and status "Diupload". A "LIHAT FILE DI CLOUD" (View file in Cloud) link is also visible. At the bottom right of the screen, there are "Batal" (Cancel) and "Tambahkan" (Add) buttons.

# Step 6



## Dataset Uploaded

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

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	630

On the right, a sidebar displays various data sources and metrics. Two specific items are highlighted with red boxes and arrows pointing to them:

- A red arrow points to the "Location ISO Code" dimension under the "Dimensi" section. The text "Replace with 'Location'" is overlaid in red.
- A red arrow points to the "Record Count" metric under the "Metrik" section. The text "Replace with 'New Cases'" is overlaid in red.

The sidebar also lists other available metrics such as "Date", "Growth Factor of New Cases", "Latitude", "Longitude", and several COVID-related metrics like "Case Fatality Rate" and "Case Recovered Rate".

# Step 7



After replaced

Click to clear "Indonesia"

A screenshot of the Google Data Studio interface. On the left, there is a table titled 'New Cases' showing data for various locations in Indonesia. A red arrow points from the text 'Click to clear "Indonesia"' to the 'TAMBAHKAN FILTER' button in the sidebar. The sidebar also shows other filter options like 'Otomatis' and 'Kustom'.

Doing like an example

A screenshot of the Google Data Studio filter configuration dialog. It shows a 'Buat Filter' section with a table of new COVID-19 cases. A red box highlights the 'Berisi' dropdown menu in the filter clause 'Kecualikan RBC Location Berisi Indonesia'. A red arrow points to the 'SIMPAN' button at the bottom right of the dialog.

# Step 8



The word "Indonesia" is clear

Laporan Tanpa Judul

New Cases

Location	New Cases
DKI Jakarta	864.008
Jawa Barat	707.934
Jawa Tengah	486.435
Jawa Timur	399.467
Kalimantan Timur	158.245
Daerah Istimewa Yogyakarta	156.769
Banten	132.693
Riau	128.824
...	...
	1 - 34 / 34

Diagram > Tabel

DATA GAYA

Tambahkan dimensi

Lihat perincian

Kolom yang Tersedia

Metrik

SUM New Cases

Tambahkan metrik

Metrik opsional

Penggeser metrik

Baris per Halaman

Baris ringkasan

Tampilan baris ringkasan

Urutkan

Laporan Tanpa Judul

Total Cases

Location	Total Cases
DKI Jakarta	864.008
Jawa Barat	707.934
Jawa Tengah	486.435
Jawa Timur	399.467
Kalimantan Timur	158.245
Daerah Istimewa Yogyakarta	156.769
Banten	132.693
Riau	128.824
...	...
	1 - 34 / 34

Diagram > Tabel

DATA GAYA

SUM Total Cases

Nama

Total Cases

Kolom sumber: New Cases

Agregasi

Total

Rata-rata

Jumlah

Jumlah Berbeda

Min.

Maks.

Median

Simpangan Baku

Variansi

Jenis

Angka

Penghitungan perbandingan

Tidak ada

Penghitungan yang berjalan

Tidak ada

TAMBAHKAN KOLOM

TAMBAHKAN PARAM...

Click for replaced name

Replaced name

## Step 9

Then, change the chart style from "Table" to "Google Maps"

The screenshot shows the Google Data Studio interface. On the left, there is a table titled "Total Cases" with columns for "Location" and "Total Cases". The table lists various Indonesian provinces and their case counts. On the right, a sidebar titled "Diagram > Tabel" contains a grid of chart icons. One specific icon, which is a world map, is highlighted with a red box. Below the sidebar, there are sections for "DATA" and "GAYA" (Style), and a list of available metrics.

	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
n	...	...
		1.34 / 34 < >

**Diagram > Tabel**

**DATA**

**GAYA**

**Metric**

SUM Total Cases

**Optional Metric**

Kolom yang Tersedia

Lihat perincian

Ketik untuk mencari

Longitude

New Active Cases

New Cases

New Cases per Million

New Deaths

TAMBAHKAN KOLOM

TAMBAHKAN PARAM...

# Step 10



The chart is already. In the location section, Change to province.  
Then, scroll to dimension "Province" and change type from "Text" to  
"Geo" and choose "Country Subdivision (1st Level)"

Click edit source

Replaced province

Doing this like an example

# Step 11



Make a chart theme and choose that you like

Laporan Tanpa Judul

File Edit Lihat Sisipkan Halaman Atur Sumber daya Bantuan

Tema dan tata letak

Diagram > Google Maps

DATA GAYA

Sumber data: covid\_19\_indonesia...

Dimensi Rentang Tanggal: Date

Kolom: Province

Lokasi: Province

Tooltip: Tambahkan dimensi

Metrik warna: AUT Record Count

Record Count: 591 642

Laporan Tanpa Judul

File Edit Lihat Sisipkan Halaman Atur Sumber daya Bantuan

Tema dan tata letak

Diagram > Google Maps

DATA GAYA

Sumber data: covid\_19\_indonesia...

Dimensi Rentang Tanggal: Date

Kolom: Province

Lokasi: Province

Tooltip: Tambahkan dimensi

Metrik warna: AUT Record Count

Record Count: 591 642

Tema dan Tata Letak

TEMA TATA LETAK

Tema Saat Ini: Default

Sesuaikan

Default

Edge

Ekstrak tema dari gambar

## Step 12



Make a new color . Click "Style", click "Color", and choose that you like

The screenshot shows a Google Data Studio report titled "Laporan Tanpa Judul". The main area displays a map of Southeast Asia with various regions highlighted in different colors (e.g., orange, yellow). The right sidebar contains the following sections:

- Diagram > Google Maps**: A dropdown menu.
- DATA**: A section with a percentage slider set to 50%.
- GAYA**: A section highlighted with a red box. It includes a color palette and a pencil icon.
- Warna**: A section highlighted with a red box, showing four color swatches.
- Kontrol Peta**: A section with four checked checkboxes:
  - Izinkan geser dan zoom
  - Tampilkan kontrol zoom
  - Tampilkan kontrol Street View
  - Tampilkan kontrol layar penuh

At the bottom left of the map area, there is a "Record Count" indicator showing 591 to 642.

# Step 13

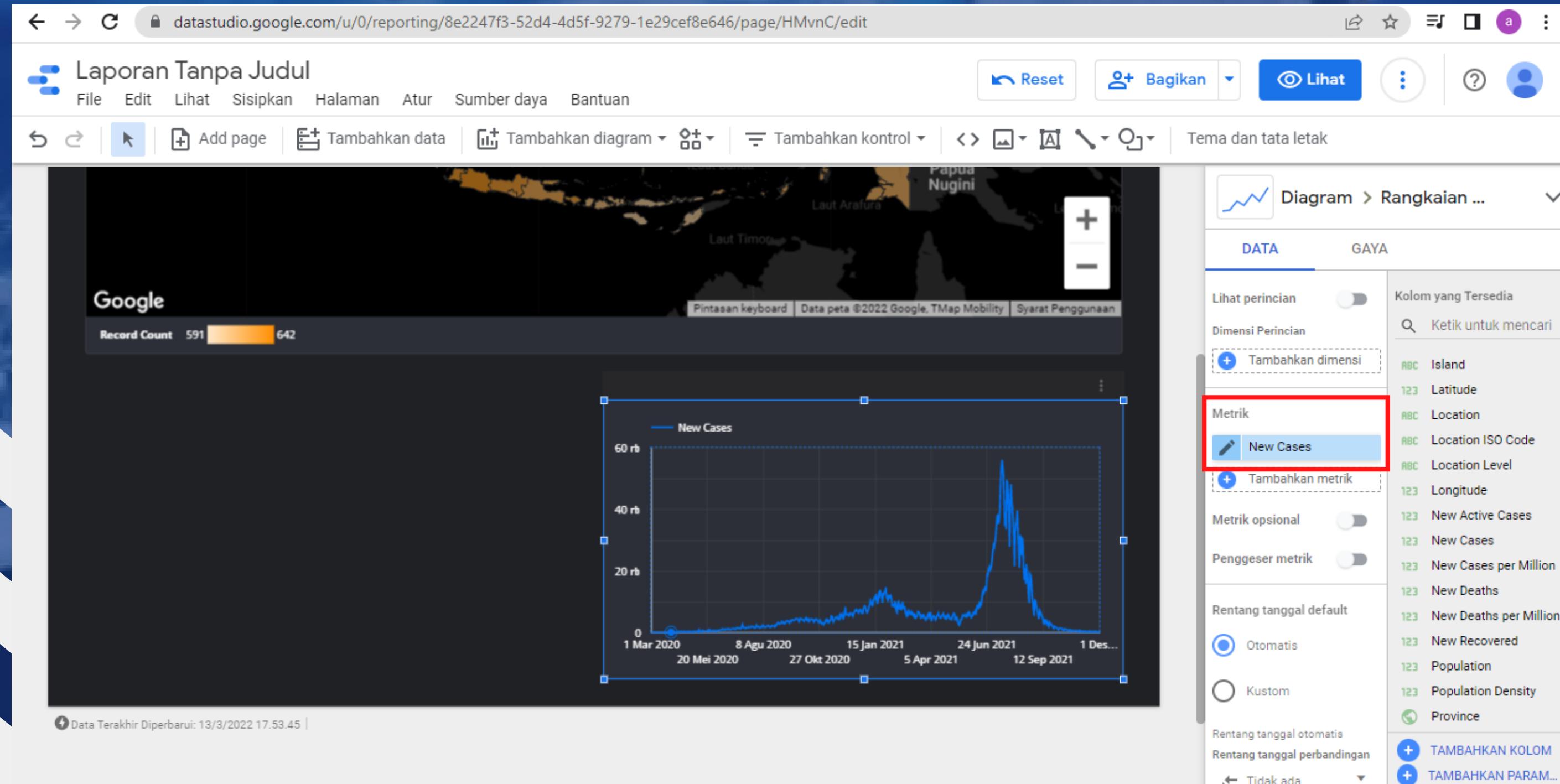


Add a chart "time series" to visualize covid-19 cases report based on the time.

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 URL: [datastudio.google.com/u/0/reporting/8e2247f3-52d4-4d5f-9279-1e29cef8e646/page/HMvnC/edit](https://datastudio.google.com/u/0/reporting/8e2247f3-52d4-4d5f-9279-1e29cef8e646/page/HMvnC/edit). Below the navigation is a toolbar with various icons: Add page, Tambahkan data (highlighted with a red box), Tambahkan kontrol, and Tema dan tata letak. The main area contains a map of Southeast Asia and Papua Nugini. On the left, there's a sidebar with a 'Laporan Tanpa Judul' section and a 'Data' section containing a dataset named 'covid\_19\_indonesia\_time\_serie...'. The 'Tambahkan diagram' button is also highlighted with a red box. A modal window titled 'Tambahkan diagram' lists various chart types: Tabel (Table), Kartu skor (Scorecard), Rangkaian waktu (Time series), Batang (Bar), Lingkaran (Circle), Google Maps, Diagram geografis (Geographic chart), Garis (Line), Area (Area), and Sebar (Scatter). The 'Rangkaian waktu' option is highlighted with a red box. The right side of the interface shows a list of available columns from the dataset, including Area (km2), Case Fatality Rate, Case Recovered Rate, City or Regency, Continent, Country, Date, Growth Factor of New..., Island, Latitude, Location, Location ISO Code, Location Level, Longitude, and several options starting with 'TAMBAHKAN KOLOM' and 'TAMBAHKAN PARAM...'.

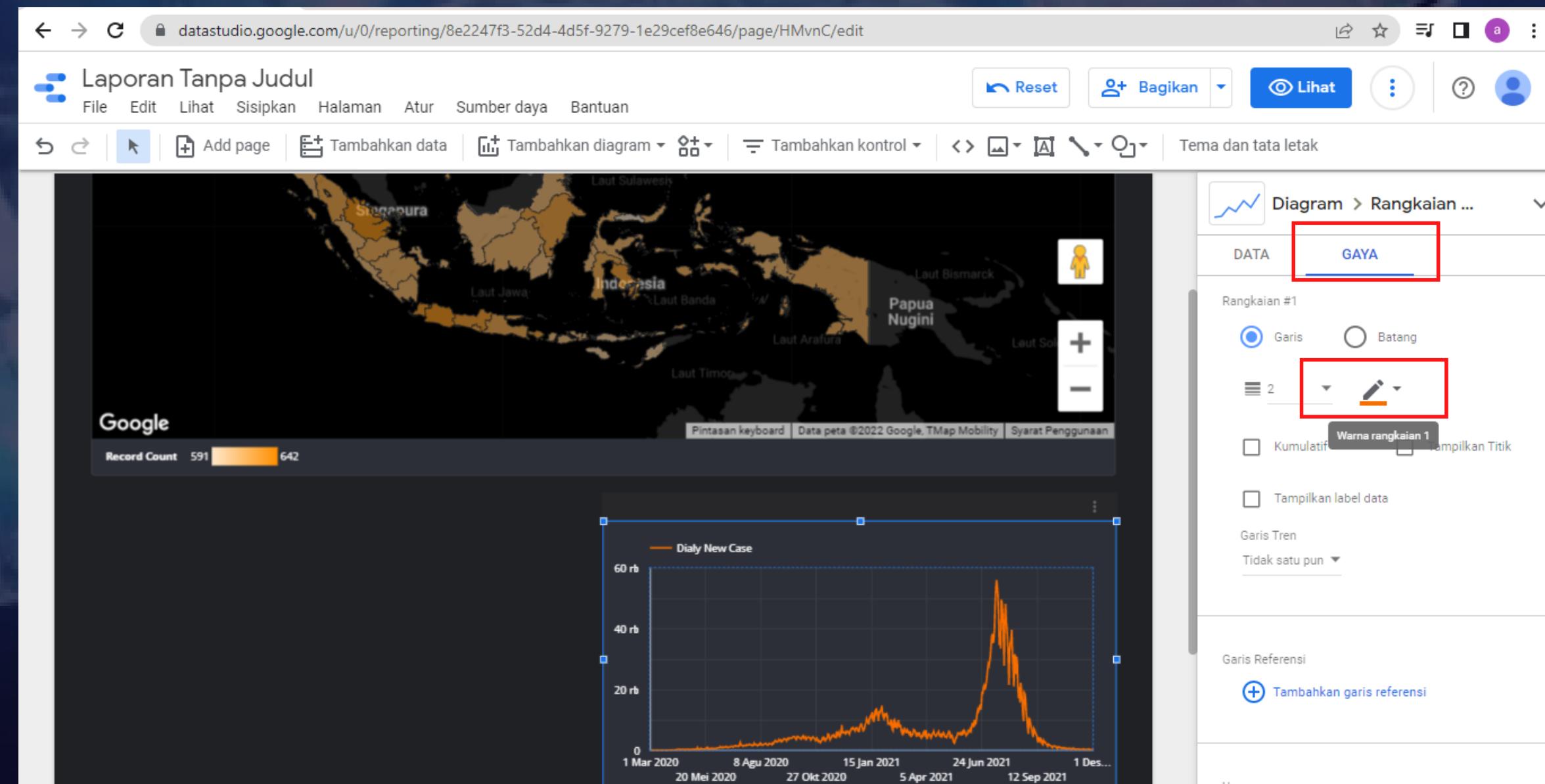
## Step 14

Change "Record Count" to "New Cases" to get the New Cases data of Covid-19



# Step 15

Recolor data. Click "Style" and choose that you like



# Step 16

Copy data

Laporan Tanpa Judul

File Edit Lihat Sisipkan Halaman Atur Sumber daya Bantuan

Reset Bagikan Lihat

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

Record Count 591 642

Pintasan keyboard Data peta ©2022 Google, TMap

Diagram > Rangkaian ...

DATA GAYA

Sumber data covid\_19\_indonesia...

GABUNGKAN DATA

Dimensi Rentang Tanggal Date

Dimensi Date

Lihat perincian

Dimensi Perincian

Tambahkan dimensi

Metrik SUM Dialy New Case

Tambahkan metrik

TAMBAHKAN KOLOM

TAMBAHKAN PARAM...

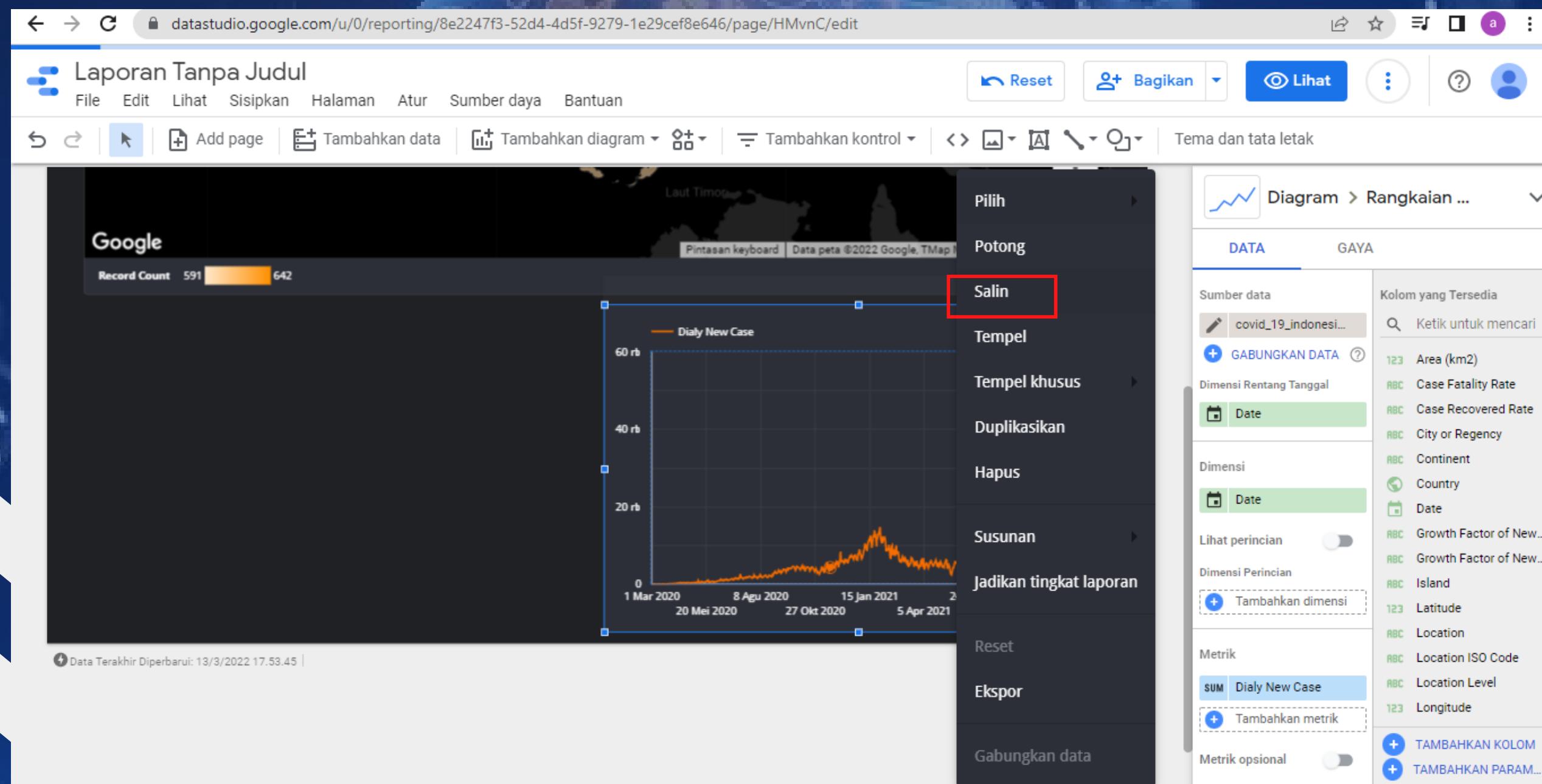
Dialy New Case

60 rb  
40 rb  
20 rb  
0

1 Mar 2020 8 Agu 2020 20 Mei 2020 27 Okt 2020 15 jan 2021 5 Apr 2021

Data Terakhir Diperbarui: 13/3/2022 17.53.45

Pilih  
Potong  
**Salin**  
Tempel  
Tempel khusus  
Duplikasikan  
Hapus  
Susunan  
Jadikan tingkat laporan  
Reset  
Ekspor  
Gabungkan data



# Step 17

Paste data. In "metric", change to "New Deaths".  
Rename data to be different

Click "sum" for rename

DAILY Deaths  
Kolom sumber: New Deaths

Rename

# Step 18

Make a data score. Click "Add a chart", click "Scorechart"

The screenshot shows the Google Data Studio interface in edit mode. The top navigation bar includes 'Laporan Tanpa Judul', 'File', 'Edit', 'Lihat', 'Sisipkan', 'Halaman', 'Atur', 'Sumber daya', 'Bantuan', 'Reset', 'Bagikan', 'Lihat', and user profile icons. The main area displays a dashboard with a map of Indonesia and a line chart titled 'Dialy Deaths'. On the left, a sidebar lists various chart types: Tabel, Kartu skor, Batang, Lingkaran, Google Maps, Diagram geografis, Garis, Area, and Sebar. A red box highlights the 'Kartu skor' icon. Another red box highlights the 'Tambahkan diagram' button in the toolbar above the chart library. To the right, a detailed configuration panel for a 'Diagram > Rangkaian ...' (Scorechart) is open, showing fields for 'Sumber data' (covid\_19\_indonesia), 'Dimensi Rentang Tanggal' (Date), 'Dimensi' (Date), 'Lihat perincian' (switched off), 'Dimensi Perincian' (with a '+ Tambahkan dimensi' button), 'Metrik' (SUM Dialy Deaths selected), and 'Metrik opsional' (with '+ TAMBAHKAN KOLOM' and '+ TAMBAHKAN PARAM...').

# Step 19

Data will appear

Laporan Tanpa Judul

File Edit Lihat Sisipkan Halaman Atur Sumber daya Bantuan

Reset Bagikan Lihat

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

Google Record Count 591 642

Daily Deaths

Daily New Case

New Cases 8.514.157

Total 1,168 Diagram > Kartu skor

DATA GAYA

Otomatis Kustom

Kolom yang Tersedia Ketik untuk mencari

123 Area (km<sup>2</sup>) RBC Case Fatality Rate

RBC Case Recovered Rate RBC City or Regency

RBC Continent RBC Country

RBC Date RBC Growth Factor of New...

RBC Growth Factor of New... RBC Island

RBC Latitude RBC Location

RBC Location ISO Code RBC Location Level

RBC Longitude

TAMBAHKAN FILTER

TAMBAHKAN KOLOM TAMBAHKAN PARAM...

The screenshot shows a Google Data Studio dashboard titled "Laporan Tanpa Judul". The dashboard includes a map of Indonesia, two line charts showing daily deaths and new cases from March 2020 to September 2021, and a summary card displaying the total number of new cases as 8,514,157. The right side of the interface features a sidebar with various data categories and filter options.

## Step 20

if the data has appeared, then copy the data

The screenshot shows a Google Data Studio dashboard titled "Laporan Tanpa Judul". The dashboard features a map of Indonesia and two line charts: "DAILY DEATHS" and "DAILY NEW CASE". A context menu is open over a data point in the "DAILY NEW CASE" chart, with the "Salin" (Copy) option highlighted.

**Pilih**  
Potong  
**Salin** (highlighted)  
Tempel  
Tempel khusus  
Duplikasikan  
Hapus  
Susunan  
Jadikan tingkat laporan  
Gabungkan data

**DATA**

Total 1,168 Diagram > Kartu skor

Sumber data covid\_19\_indonesia...  
+ GABUNGKAN DATA

Dimensi Rentang Tanggal Date

Metrik SUM Total Confirmed C...

Metrik opsional

Rentang tanggal default Otomatis

Kustom

Rentang tanggal otomatis

Rentang tanggal perbandingan Tidak ada

TOTAL Cases 4.256.914

## Step 21

Paste data. In "metric", change to "New Deaths"

The screenshot shows a Google Data Studio dashboard titled "Laporan Tanpa Judul". The dashboard features a map of Indonesia and two line charts. One chart shows "DAILY DEATHS" (red line) and the other shows "DAILY NEW CASE" (orange line). A data card at the bottom left displays "New Deaths" with a value of 143.805. On the right side, the "Metrik" section of the sidebar is highlighted with a red box, showing "SUM New Deaths" selected. The sidebar also lists various metrics like "New Active Cases", "New Cases", and "New Recovered".

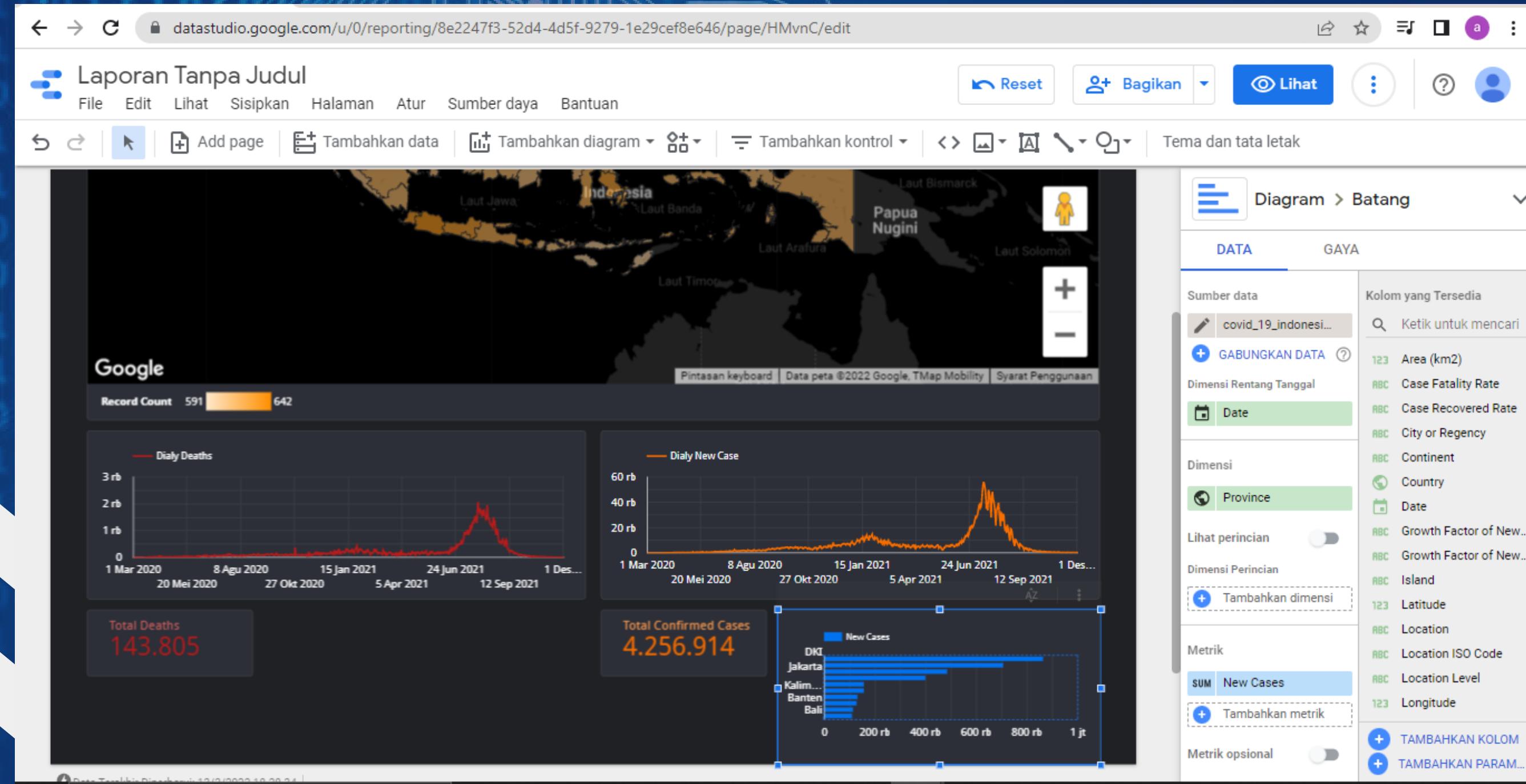
## Step 22

Make a bar chart. Click "Add a chart", click "Batang"

The screenshot shows the Google Data Studio interface. In the center, there's a map of Papua New Guinea with a yellow human icon. To the left, there's a chart titled 'Google' showing 'DAILY DEATHS' from March 2020 to April 2021, with a total of 143,805 deaths. On the right, there's a line chart showing a sharp peak in cases around June 2021. At the top, the URL is datastudio.google.com/u/0/reporting/8e2247f3-52d4-4d5f-9279-1e29cef8e646/page/HMvnC/edit. The main toolbar has 'Tambahkan diagram' (Add chart) selected. A dropdown menu is open, showing various chart types: Tabel (Table), Kartu skor (Scorecard), Rangkaian waktu (Timeline), Batang (Bar), Lingkaran (Pie), Google Maps, Diagram geografis (Geographic diagram), Garis (Line), Area, Sebar (Scatter), and others. The 'Batang' (Bar) option is highlighted with a red box. To the right, there's a 'Data' panel with a list of available fields like Area (km2), Case Fatality Rate, Case Recovered Rate, City or Regency, Continent, Country, Date, Growth Factor of New..., Island, Latitude, Location, Location ISO Code, Location Level, Longitude, and others. Buttons at the bottom of the data panel say 'TAMBAHKAN KOLOM' (Add column) and 'TAMBAHKAN PARAM...' (Add parameter).

# Step 23

Bar chart is already finished



# Step 24

## Copy bar chart

The screenshot shows a Google Data Studio report titled "Laporan Tanpa Judul". The interface includes a top navigation bar with "File", "Edit", "Lihat", "Sisipkan", "Halaman", "Atur", "Sumber daya", and "Bantuan". Below the navigation is a toolbar with "Add page", "Tambahkan data", "Tambahkan diagram", and "Tambahkan ko...". A map of Indonesia is visible in the background.

A context menu is open over a bar chart, with the option "Salin" highlighted by a red box. The menu also includes "Potong", "Tempel", "Tempel khusus", "Duplikasikan", "Hapus", "Susunan", "Jadikan tingkat laporan", "Urutkan menurut", "Reset", "Ekspor", and "Gabungkan data".

On the right side, there is a sidebar titled "Diagram > Batang" with tabs for "DATA" and "GAYA". The "DATA" tab shows "Sumber data" set to "covid\_19\_indonesia...", "Dimensi Rentang Tanggal" set to "Date", and "Dimensi" set to "Province". The "GAYA" tab lists various metrics and dimensions. A large blue button labeled "TAMBAHKAN KOLOM" is at the bottom.

The main content area displays two line charts: "Dialy Deaths" (red line) and "Dialy New Case" (orange line), both showing data from March 2020 to September 2021. Below these charts is a summary card with "Total Deaths" set to 143.805 and "Total Confirmed Cases" set to 4.256.914. A bar chart titled "New Cases" shows data for provinces: DKI Jakarta, Jawa Timur, Banten, and Bali.

## Step 25

Paste bar chart. In "Metric", change to "New Deaths"

The screenshot shows a Google Data Studio dashboard titled "Laporan Tanpa Judul". The dashboard contains several visualizations:

- A map of Indonesia.
- Two line charts: "DAILY DEATHS" (red line) and "DAILY NEW CASE" (orange line). Both charts show a significant spike starting around June 2021.
- Two summary cards:
  - Total Deaths: 143.805
  - Total Confirmed Cases: 4.256.914
- A bar chart showing "New Deaths" by province: Java, Tengah, DKI, Jakarta, Riau, Lampung, etc.
- A bar chart showing "New Cases" by location: DKI, Jakarta, Java, Timur, Banten, Bali.

On the right side, there is a sidebar for modifying the chart's configuration:

- Diagram > Batang**: The chart type selected.
- DATA**:
  - Dimensi**: Province (selected).
  - Kolom yang Tersedia**: A dropdown menu with various metrics listed.
- GAYA**: Style options.
- Metric**:
  - SUM New Deaths (selected).
  - + Tambahkan metrik
- Metrik opsional**: A toggle switch.
- Penggeser metrik**: A dropdown menu.
- Urutkan**:
  - SUM New Deaths (selected).
  - + Menurun
- TAMBAHKAN KOLOM** and **TAMBAHKAN PARAM...**: Buttons for adding columns and parameters.

A red box highlights the "New Deaths" metric in the "Metrik" section, and a red arrow points to the "+ Tambahkan metrik" button with the text "Change to 'New Deaths'".

# References

1. [https://www.youtube.com/watch?v=Nq0MJlpFl\\_A&t=900s](https://www.youtube.com/watch?v=Nq0MJlpFl_A&t=900s)
2. <https://www.kaggle.com/hendratno/covid19-indonesia>
3. [datastudio.google.com](https://datastudio.google.com)
4. <https://datastudio.google.com/u/0/reporting/8e2247f3-52d4-4d5f-9279-1e29cef8e646/page/HMvnC>

# Thank You

Proprietary document of Ade Firmasnyah, 2022