



GOOGLE DATA STUDIO



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Let's Connect!



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Step 1

google data studio overview - Go x +

← → C google.com/search?q=google+data+studio+overview&oq=Google+Data+Studio+Overview&aqs=chrome.0.0i512l2j0i22i30l8.782528j0j7&sourceid=chrome&ie=...

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[Google Data Studio - Tell Great Data Stories](#)

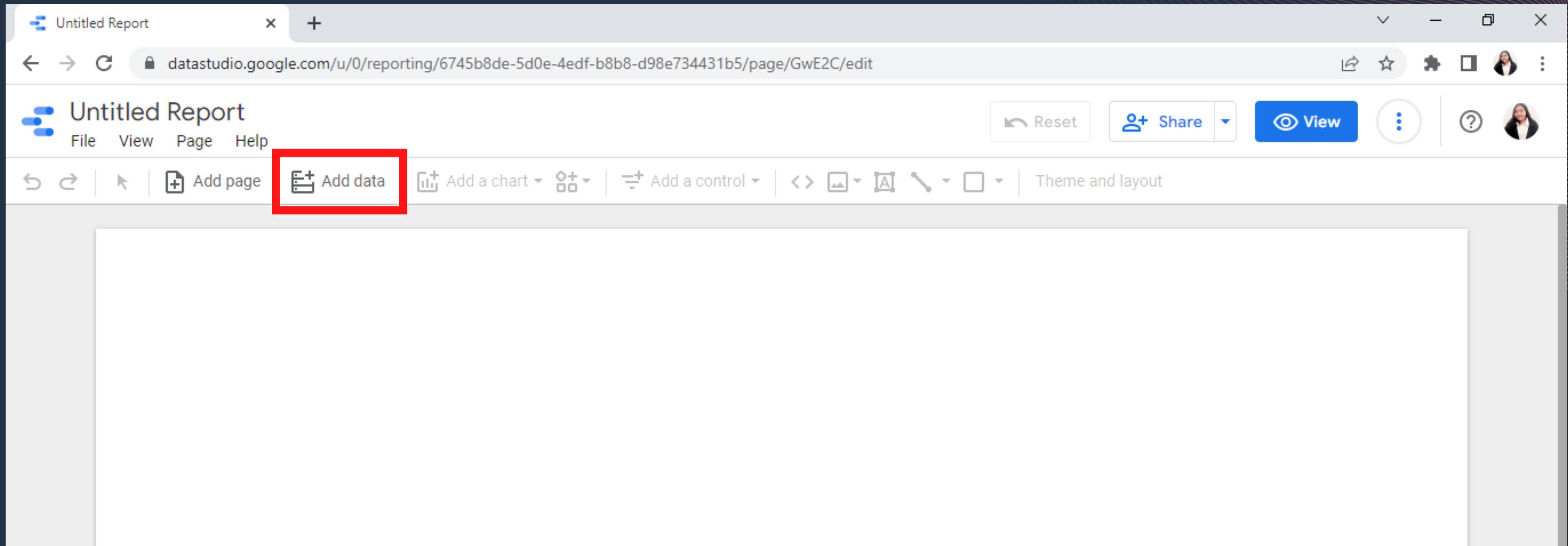
Bring your **data** to life with **Data Studio**. Discuss your project needs with Sales. High-performance infrastructure for cloud computing, **data** analytics & machine learning. Built for developers. Massive scale. Highly Scalable. No-ops apps. Access from anywhere.

Visualise Your Data

Explore, analyse, and visualise large datasets seamlessly.

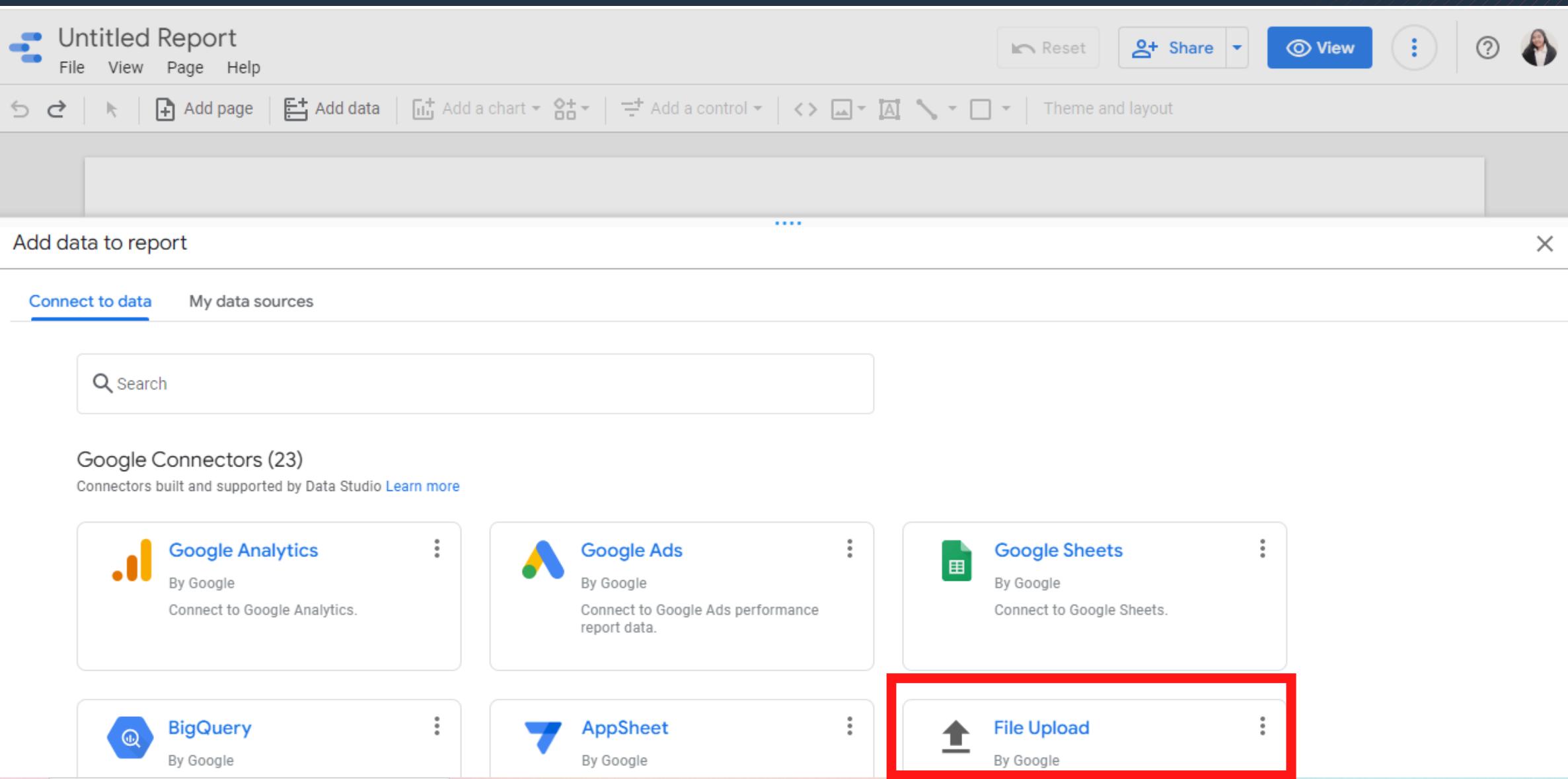
Gunakan kata kunci “Google Studio” pada mesin pencarian Google.
Lalu pilih “Google Data Studio Overview”

Step 2



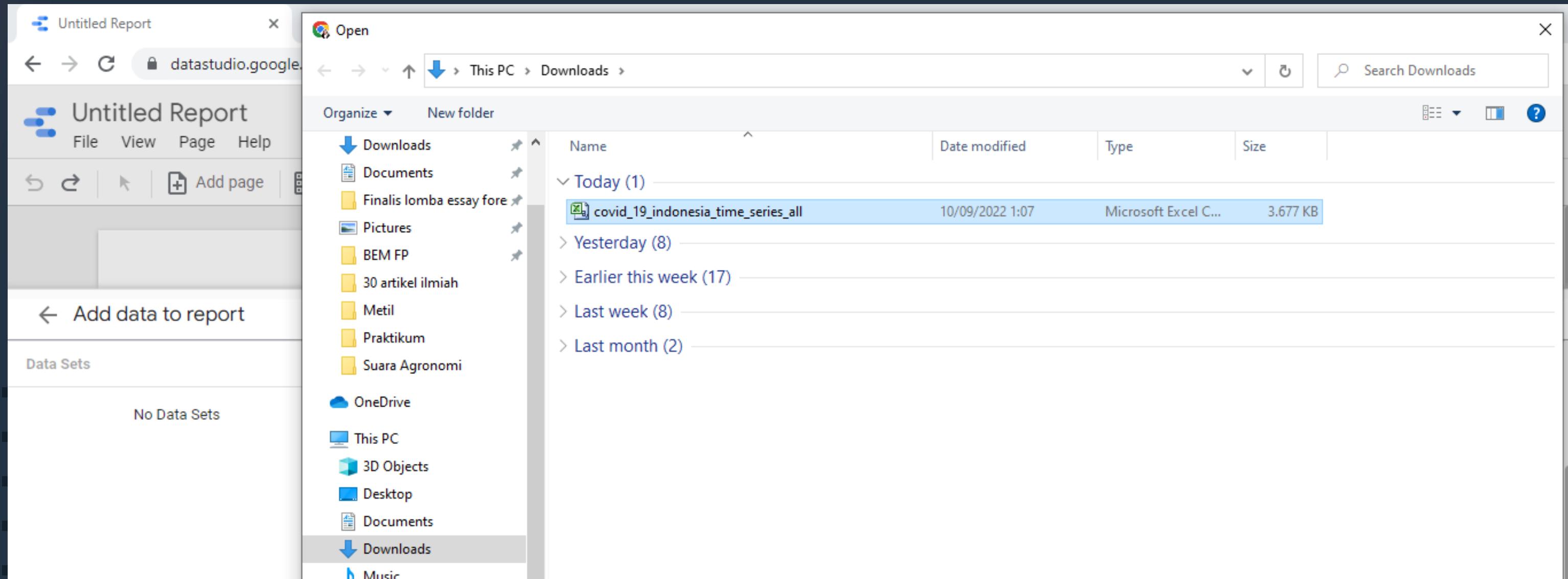
Kemudian akan muncul tampilan seperti berikut. Selanjutnya klik “Add Data”

Step 3



Maka akan muncul tampilan berikut, selanjutnya pilih “File Upload” untuk menambah data dari penyimpanan lokal

Step 4



Selanjutnya pilih berkas data yang akan dibuat visualisasi, lalu klik
“Open”



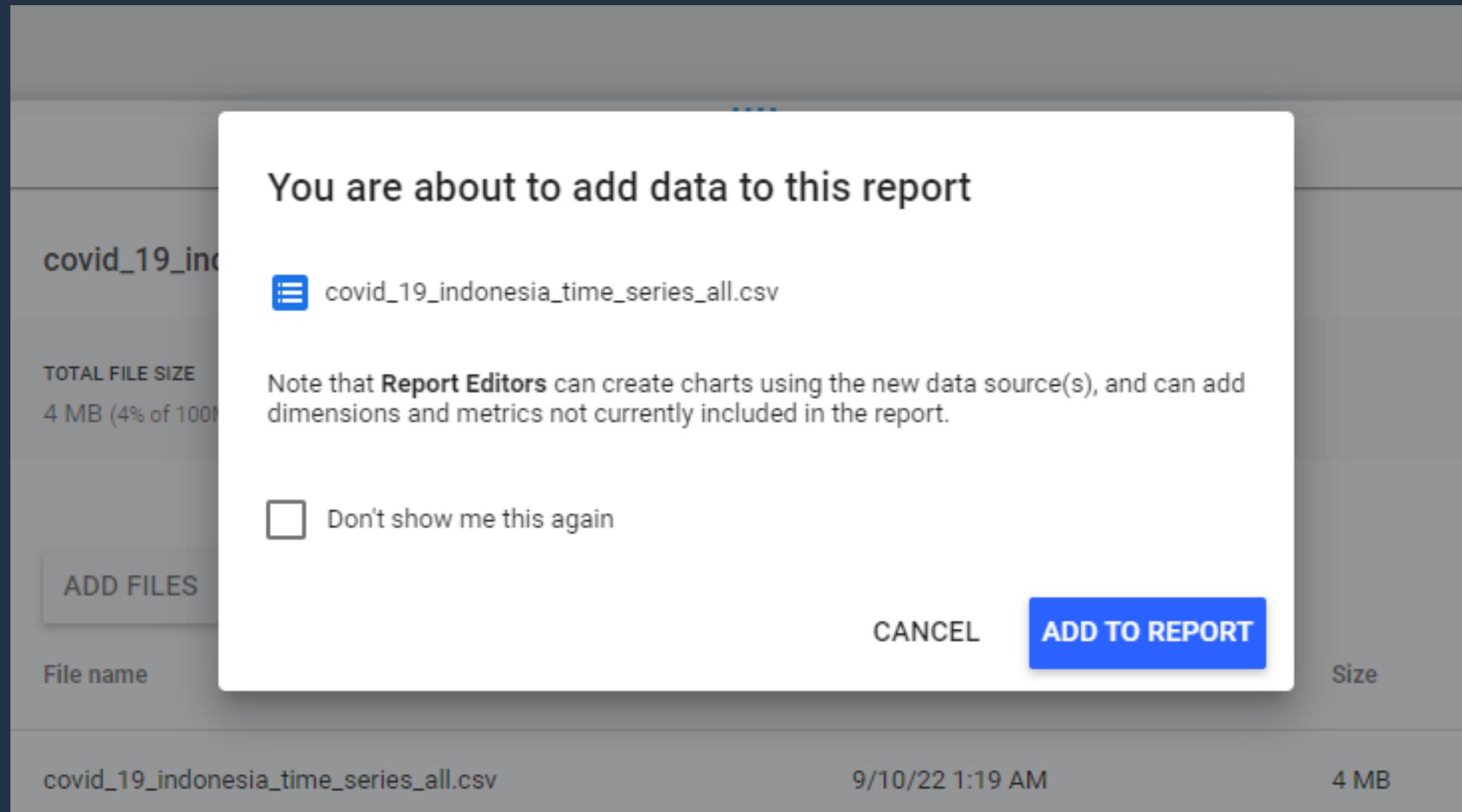
Step 5

The screenshot shows the Google Data Studio interface for uploading data. The URL in the browser is datastudio.google.com/u/0/reporting/6745b8de-5d0e-4edf-b8b8-d98e734431b5/page/GwE2C/edit. The main title is "Untitled Report". The top navigation bar includes "File", "View", "Page", "Help", "Reset", "Share", "View", and a user profile. Below the navigation is a toolbar with icons for "Add page", "Add data", "Add a chart", "Add a control", and "Theme and layout". A modal window titled "Add data to report" is open, showing a list of datasets. One dataset, "covid_19_indonesia_time_series_all.csv", is selected. The details for this file are shown: TOTAL FILE SIZE (4 MB), NUMBER OF FILES (1), CREATION DATE (9/10/22 1:14 AM), and LAST MODIFIED DATE (9/10/22 1:19 AM). A "VIEW FILES IN CLOUD" button is present. Below the details, there is a table with columns: File name, Uploaded at, Size, and Status. The table contains one row: "covid_19_indonesia_time_series_all.csv" uploaded at 9/10/22 1:19 AM, size 4 MB, status "Uploaded". At the bottom of the modal are "CREATE NEW DATA SET", "DELETE DATA SET", "Cancel", and "Add" buttons. The status bar at the bottom right shows "1:21".

Apabila data sudah berhasil ter-upload, selanjutnya klik "Add"



Step 6



Ketika muncul jendela seperti gambar di atas, klik “Add to Report”

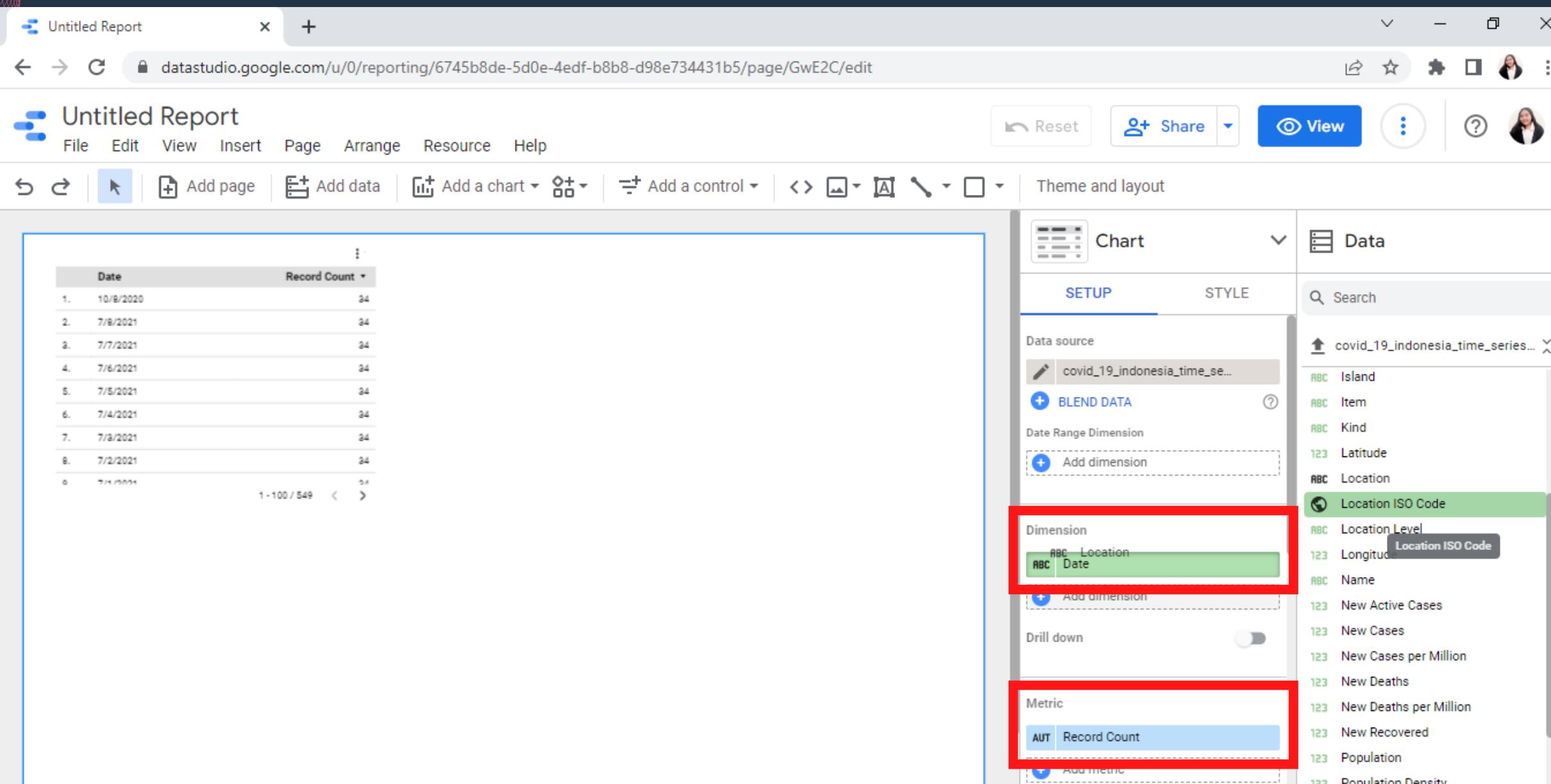


Step 7

The screenshot shows the Google Data Studio interface with an 'Untitled Report' titled 'Untitled Report'. On the left, there is a table titled 'Record Count' with 10 rows, each containing a date from June 30, 2021, to August 8, 2021, and a value of 24 for all rows. On the right, the 'Chart' and 'Data' panels are visible. The 'Chart' panel shows a single chart entry for 'covid_19_indonesia_time_series...', which is currently set to 'Date' as the dimension and 'Record Count' as the metric. The 'Data' panel lists various dimensions and metrics, with 'Date' and 'Record Count' highlighted in green, indicating they are selected. The URL in the browser bar is datastudio.google.com/u/0/reporting/6745b8de-5d0e-4edf-b8b8-d98e734431b5/page/GwE2C/edit.

Setelah itu muncul tampilan seperti gambar, yang artinya data berhasil ter-upload

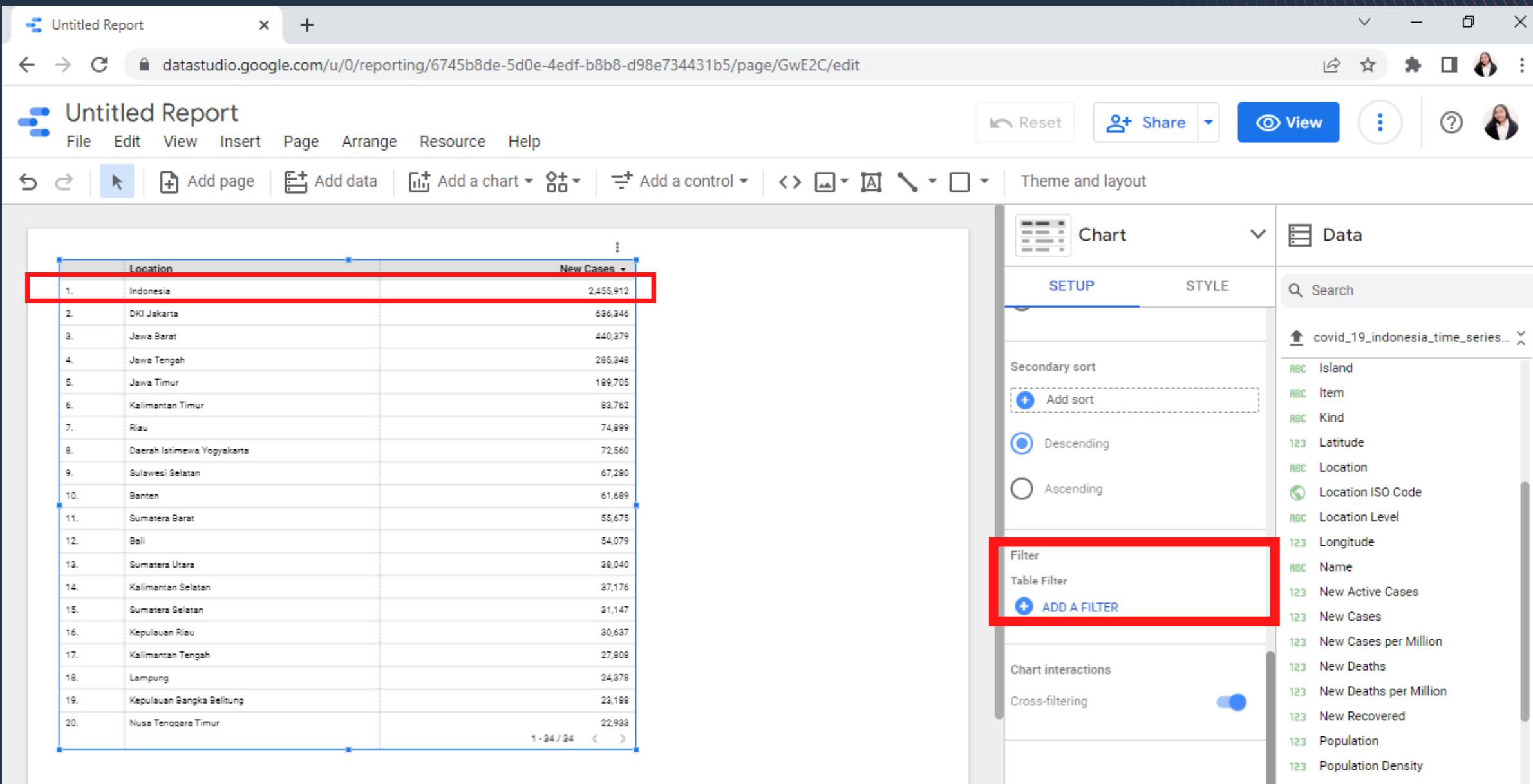
Step 8



The screenshot shows the Google Data Studio interface for an "Untitled Report". On the left, there is a preview area displaying a table with columns "Date" and "Record Count", showing data from July 2021. On the right, the "Setup" panel is open, divided into "Chart" and "Data" tabs. Under the "Chart" tab, the "Setup" section includes a "Data source" dropdown set to "covid_19_indonesia_time_se...", a "BLEND DATA" button, and a "Date Range Dimension" section with a "Add dimension" button. The "Dimension" section is highlighted with a red box and contains "RBC Location" and "RBC Date". The "Metric" section is also highlighted with a red box and contains "AUT Record Count". The "Data" tab on the right lists various dimensions and metrics, with "Location ISO Code" currently selected.

Selanjutnya memasukkan data Location ke menu "Dimension" dan juga memasukkan data New Cases pada menu "Metric" seperti gambar diatas

Step 9



The screenshot shows a Google Data Studio report titled "Untitled Report". The main area displays a table with columns "Location" and "New Cases". The first row, which contains the data for "Indonesia", is highlighted with a red box. To the right of the table, the "Chart" panel is open, specifically the "Filter" section. This section also has a red box around it, and within it, the "ADD A FILTER" button is highlighted. The sidebar on the right lists various data fields such as "covid_19_indonesia_time_series...", "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 "Population Density".

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	82,762
7. Riau	74,899
8. Daerah Istimewa Yogyakarta	72,560
9. Sulawesi Selatan	67,280
10. Banten	61,689
11. Sumatera Barat	55,675
12. Bali	54,079
13. Sumatera Utara	38,040
14. Kalimantan Selatan	37,176
15. Sumatera Selatan	31,147
16. Kepulauan Riau	30,637
17. Kalimantan Tengah	27,808
18. Lampung	24,378
19. Kepulauan Bangka Belitung	28,188
20. Nusa Tenggara Timur	22,933

Menghapus data Indonesia dengan cara mencari menu "Filter",
lalu klik "Add a Filter"



Step 10

The screenshot shows the Google Data Studio interface for an 'Untitled Report'. In the center, there is a table titled 'New Cases' with data for various locations in Indonesia. To the right, a 'Filter picker' panel is open, showing a 'Location filter' section. A specific filter clause is highlighted with a red box: 'Exclude Location Contains Indonesia'. Below this, there is an 'AND' operator and a 'SAVE' button at the bottom.

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	199,705
6. Kalimantan Timur	82,762
7. Riau	74,899

Name: covid_19_indonesia_time_series_all.csv

Exclude Location Contains Indonesia

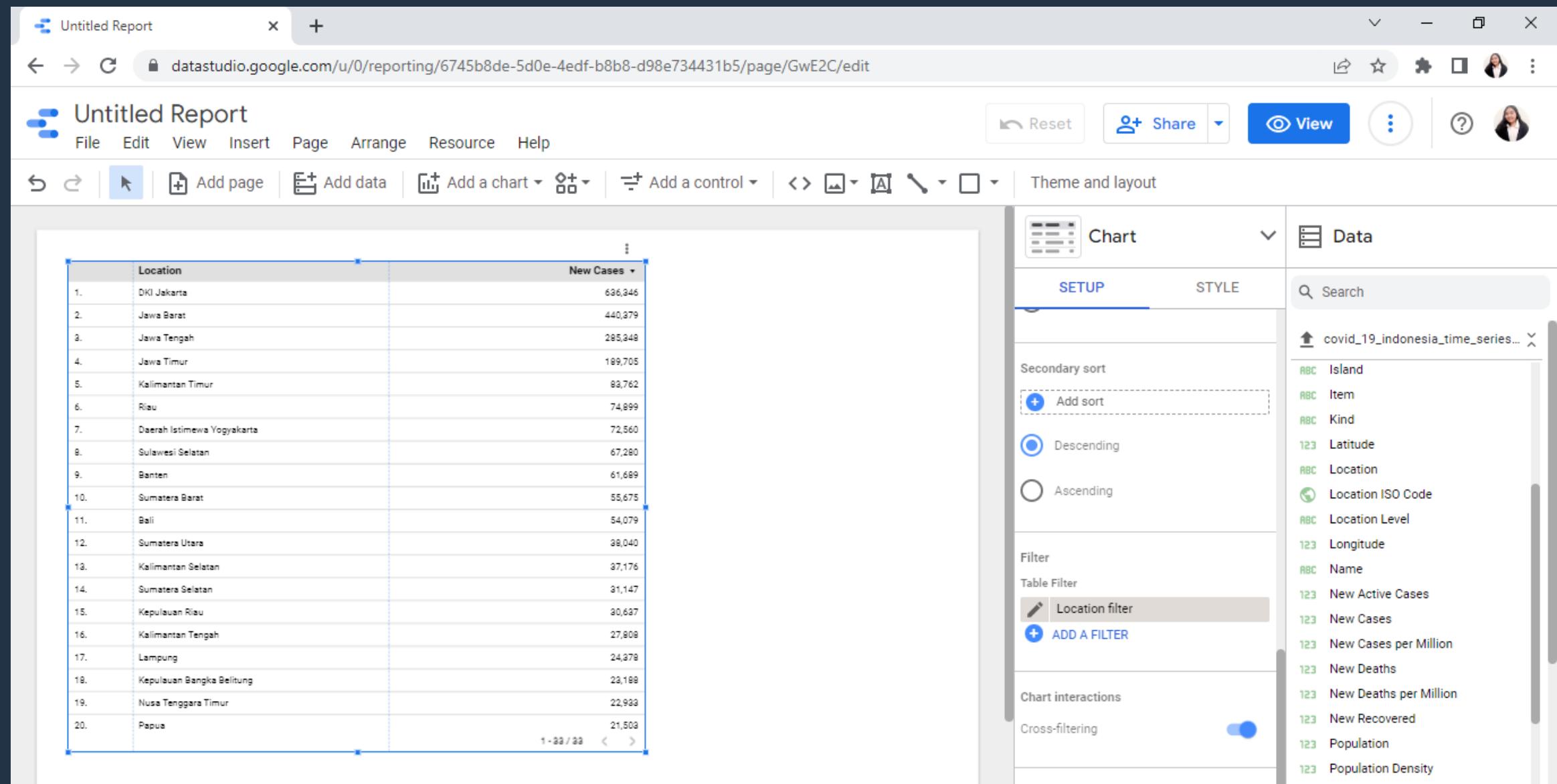
AND

This filter has 1 clause

SAVE

Isikan data seperti gambar di atas pada menu Filter, lalu klik "Save"

Step 11



The screenshot shows a Google Data Studio report titled "Untitled Report". On the left, there is a table titled "New Cases" with columns "Location" and "New Cases". The table lists 20 locations from DKI Jakarta at the top to Papua at the bottom, with their respective new case counts. On the right, the "Chart" panel is open, showing settings for "Secondary sort" (set to "Descending") and a "Table Filter" for "Location filter". The "Data" panel on the far right lists various data fields such as "Island", "Item", "Kind", "Latitude", "Longitude", "Name", and various COVID-19 metrics like "New Active Cases", "New Cases", etc.

Location	New Cases
DKI Jakarta	636,846
Jawa Barat	440,379
Jawa Tengah	285,348
Jawa Timur	189,705
Kalimantan Timur	83,762
Riau	74,899
Daerah Istimewa Yogyakarta	72,560
Sulawesi Selatan	67,280
Banten	61,699
Sumatera Barat	55,675
Bali	54,079
Sumatera Utara	38,040
Kalimantan Selatan	37,176
Sumatera Selatan	31,147
Kepulauan Riau	30,637
Kalimantan Tengah	27,808
Lampung	24,378
Kepulauan Bangka Belitung	23,199
Nusa Tenggara Timur	22,933
Papua	21,503

Setelah tersimpan, maka data Indonesia akan terhapus seperti pada gambar di atas



Step 12

The screenshot shows a Google Data Studio report titled "Untitled Report". On the left, there is a table titled "Location" with columns for "Location" and "Total Cases". The table lists 20 Indonesian provinces and their total COVID-19 cases. On the right, there is a "Chart" configuration panel. Under "Metric", the "New Cases" metric is selected. The panel also includes sections for "Setup", "Style", "Blend Data", "Dimension", and "Optional metrics".

Location	Total Cases
DKI Jakarta	86,140,700
Jawa Barat	52,290,394
Jawa Tengah	39,573,937
Jawa Timur	34,484,589
Sulawesi Selatan	13,727,306
Kalimantan Timur	13,270,554
Riau	9,870,661
Bali	8,948,733
Banten	8,785,758
Sumatera Barat	8,451,956
Daerah Istimewa Yogyakarta	7,341,263
Kalimantan Selatan	7,100,761
Sumatera Utara	7,082,529
Sumatera Selatan	4,909,579
Papua	4,806,246
Kalimantan Tengah	4,119,267
Sulawesi Utara	3,708,708
Lampung	3,082,570
Aceh	3,067,307
Kepulauan Riau	2,876,724

Ubah nama New Cases pada menu "Metric" dengan nama Total Cases



Step 13

The screenshot shows the Google Data Studio interface. On the left, there is a table titled "Location" with columns for "Location" and "Total Cases". The table lists 20 locations from DKI Jakarta at the top to Kepulauan Riau at the bottom, along with their respective case counts. On the right, a sidebar titled "Table" is open, showing various chart types. One specific chart type, a "Filled Map", is highlighted with a red box. Below the chart types, there is a section for "Data source" which shows "covid_19_indonesia_time_se..." and a "BLEND DATA" button.

Location	Total Cases
DKI Jakarta	86,140,700
Jawa Barat	52,290,394
Jawa Tengah	38,573,937
Jawa Timur	34,484,598
Sulawesi Selatan	13,727,306
Kalimantan Timur	13,270,554
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Bali	8,948,723
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Sumatera Selatan	4,909,579
Papua	4,806,246
Kalimantan Tengah	4,119,267
Sulawesi Utara	3,709,708
Lampung	3,082,570
Aceh	3,067,807
Kepulauan Riau	2,876,724

Selanjutnya ubah tabel ke dalam bentuk maps dengan cara klik bagian "Chart" lalu pilih "Filled Map"

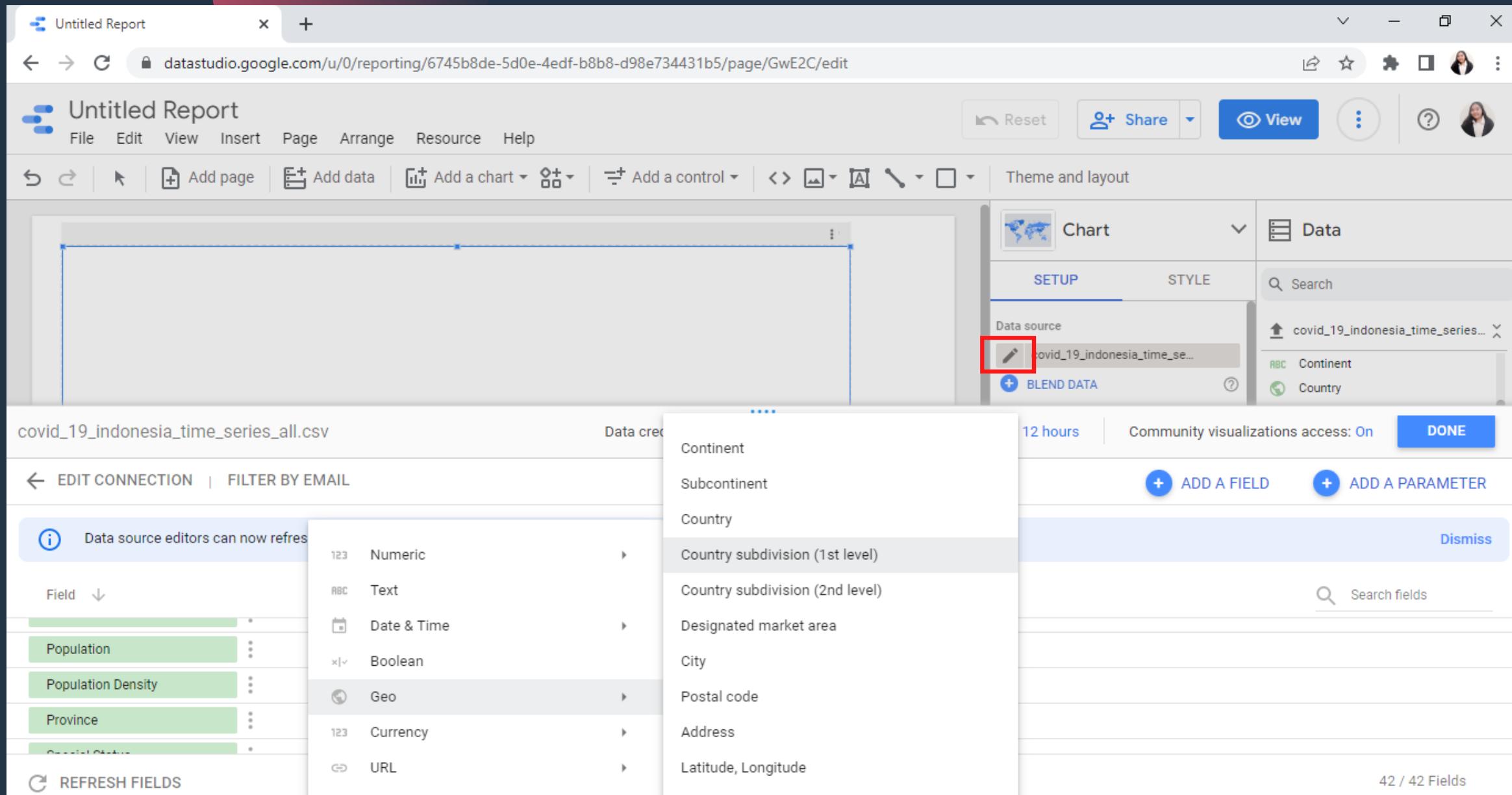


Step 14

The screenshot shows the Google Data Studio interface for an 'Untitled Report'. On the left, there is a large empty area with a blue border, which is intended for a map but currently displays a warning message: 'Can't show Google Maps' and 'Filled map requires the Location dimension to be set to a Geo type.' Below this message is a 'See details' link. At the bottom left of this area, it says 'Record Count 15,788'. On the right side, the 'Chart' panel is open under the 'SETUP' tab. It shows the 'Data source' as 'covid_19_indonesia_time_se...' and the 'Date Range Dimension' as 'Add dimension'. Under the 'Fields' section, the 'Location' field is selected and highlighted with a red box. The 'Province' field is also visible below it. The 'Color metric' section shows 'Record Count' selected. The 'Data' panel on the far right lists various dimensions and metrics from the data source, such as 'Location ISO Code', 'Location Level', 'Longitude', 'Name', 'New Active Cases', 'New Cases', etc.

Setelah tabel berubah menjadi gambar di atas, selanjutnya pada menu "Location" ubah data Country menjadi Province

Step 15

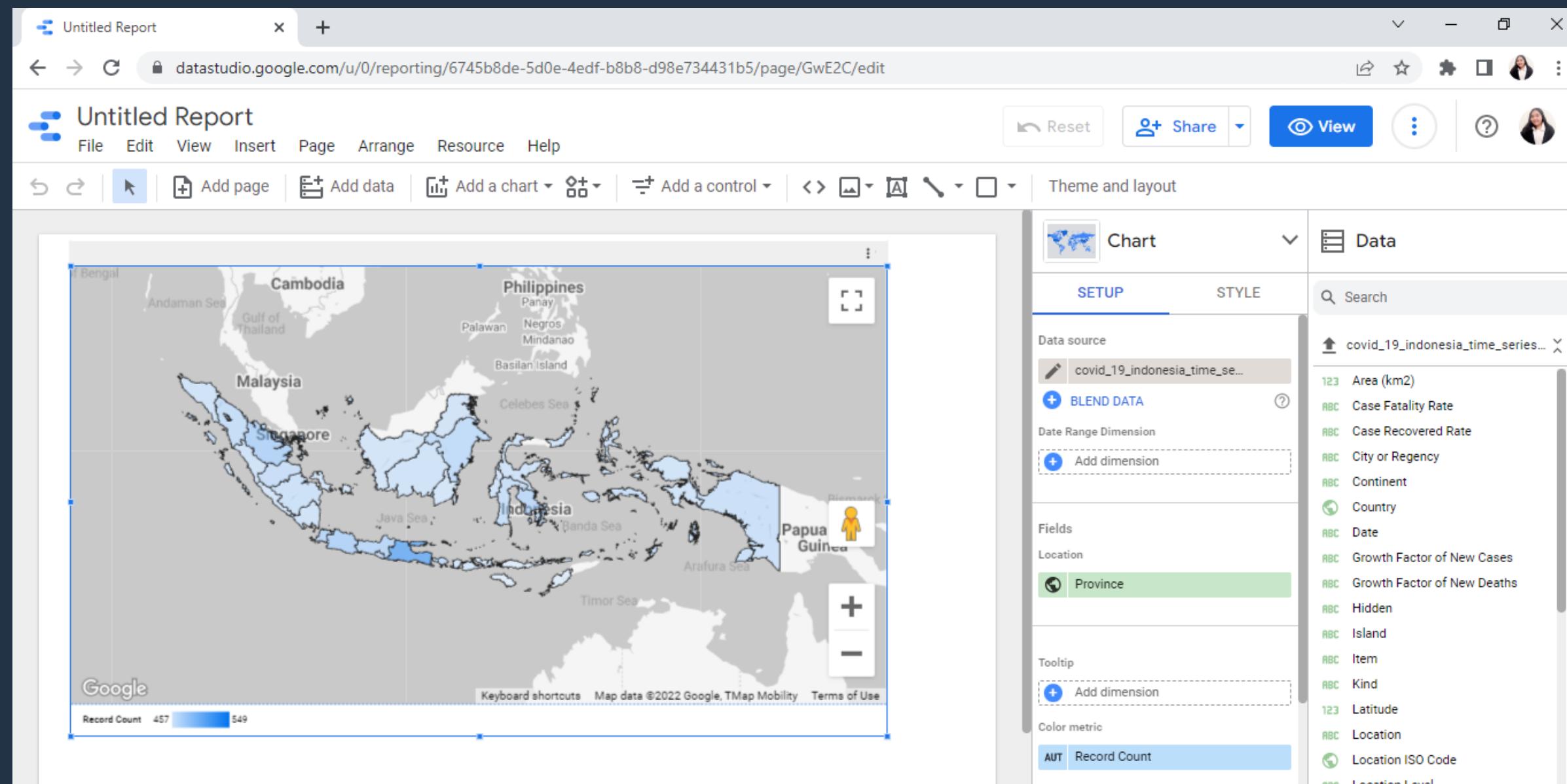


The screenshot shows the Google Data Studio interface. On the left, there's a preview area with a large blue dashed rectangle. On the right, the 'Chart' tab is selected in the 'Data' panel. A red box highlights the 'covid_19_indonesia_time_se...' entry in the 'Data source' list. A dropdown menu is open over a 'Province' field in the data source editor, listing various data types: Numeric, Text, Date & Time, Boolean, Geo, Currency, and URL. The 'Geo' option is currently selected. Below this, a list of geographical subdivisions is shown, with 'Country subdivision (1st level)' highlighted.

Apabila error seperti di atas, maka pada menu "Data Source" ubah tipe data Province dari Teks menjadi Geografis dan pilih Country subdivision (1st level)



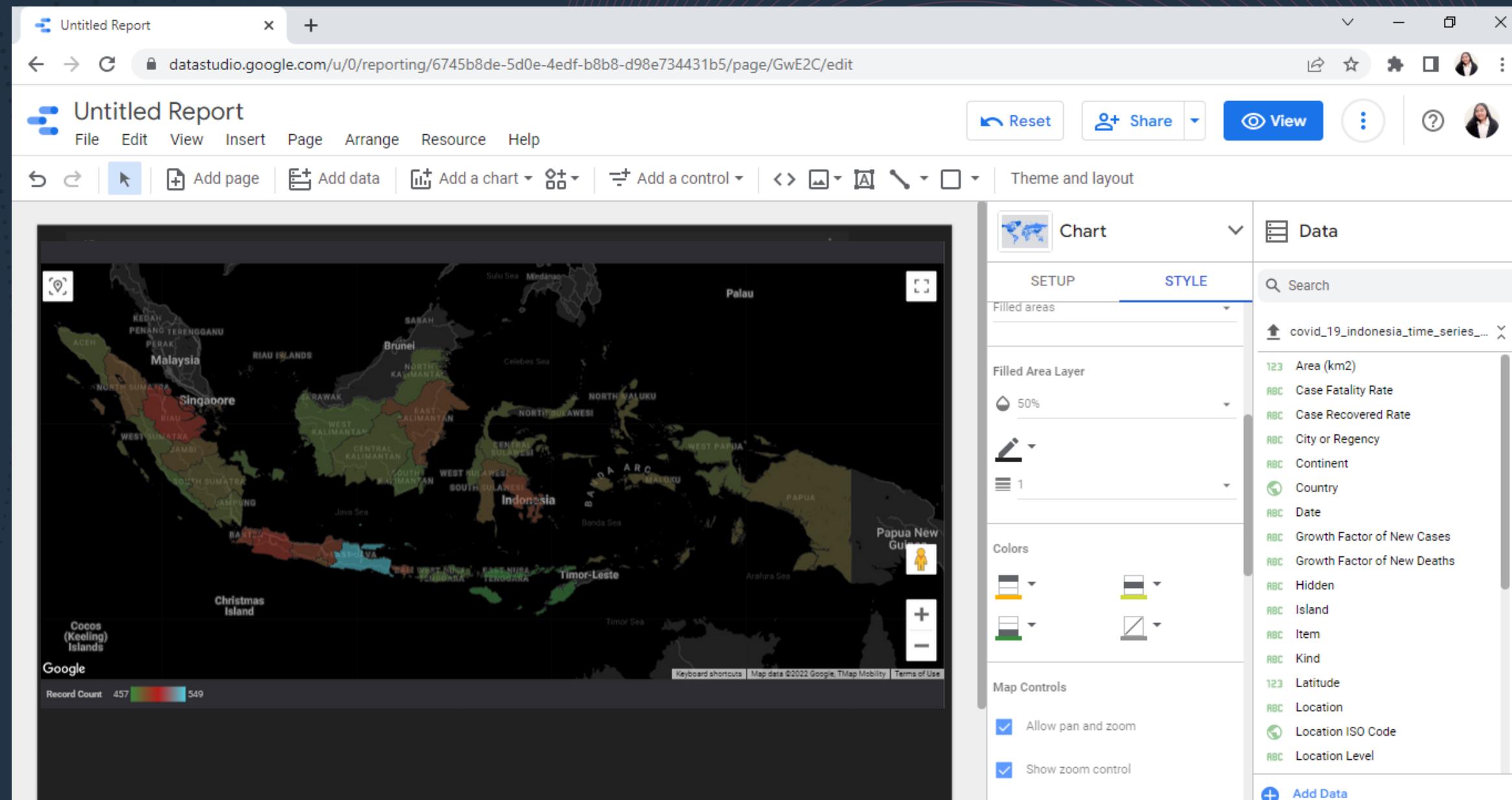
Step 16



Jika sudah tampilan akan menjadi seperti pada gambar di atas

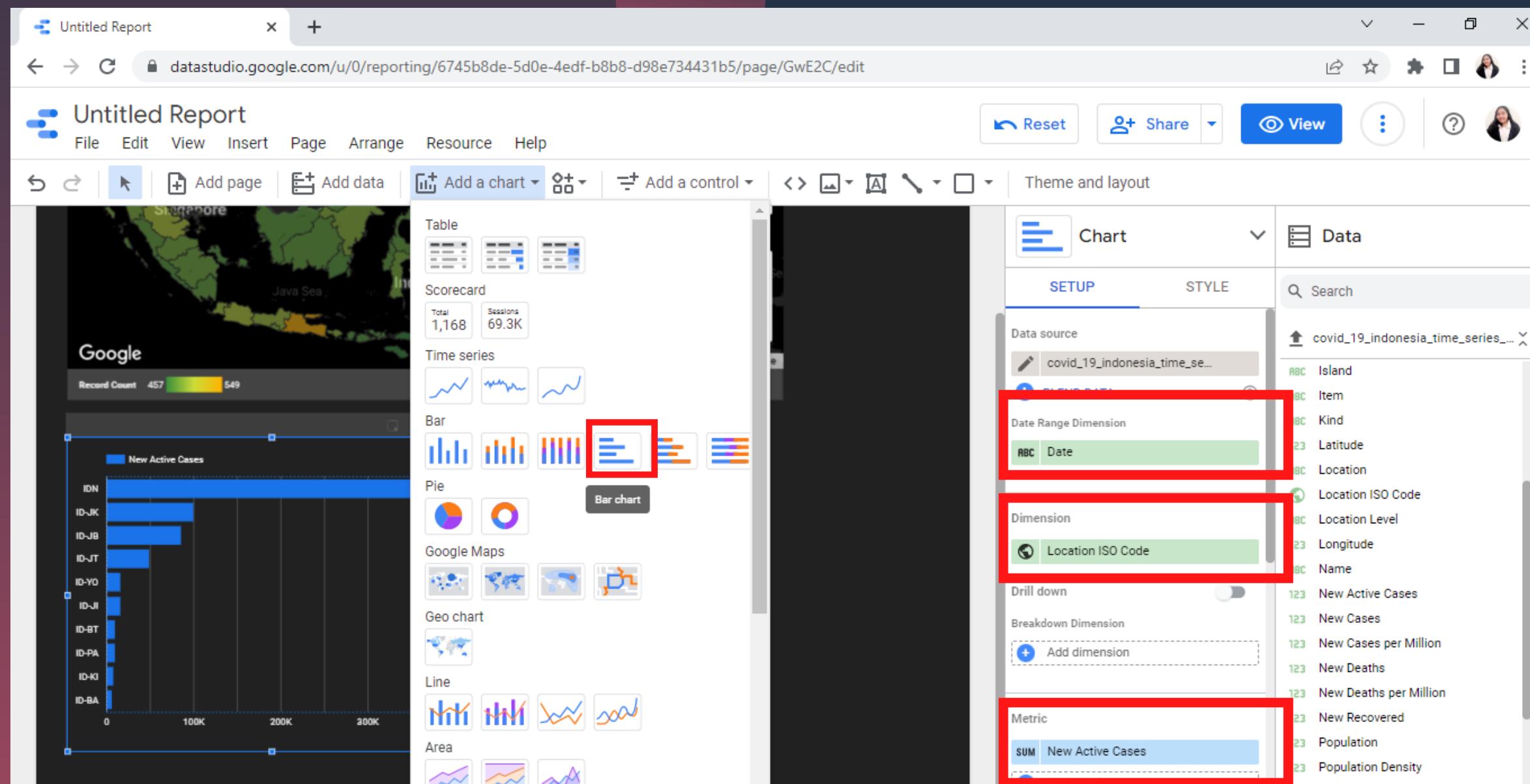


Step 17



Selanjutnya ubah tema, gaya dan juga warna pada map yang akan dibuat sesuai dengan keinginan kita

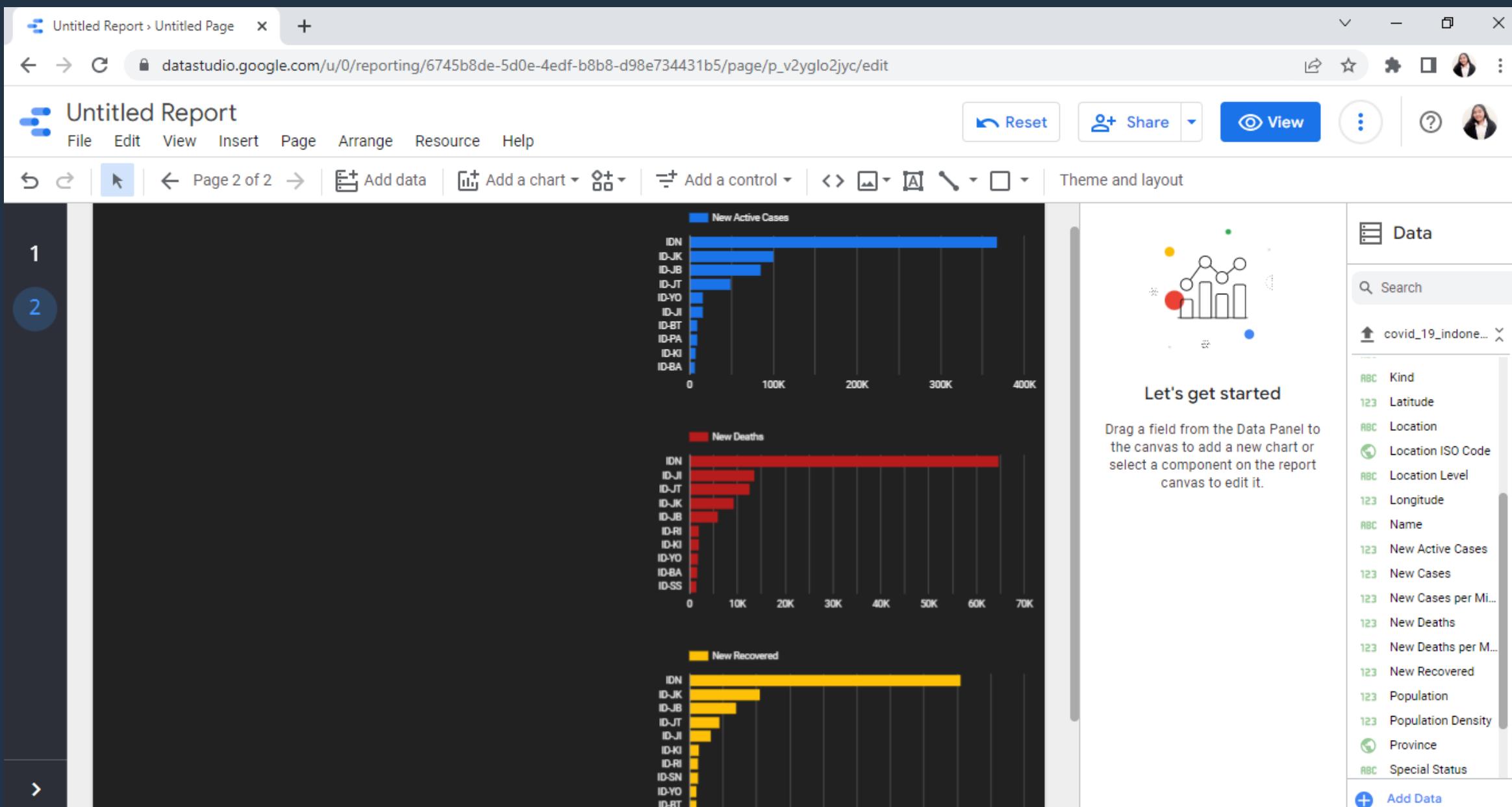
Step 18



Masukkan Bar Chart ke dalam *dashboard* dengan cara klik "Add a Chart", lalu pilih Bar Chart dan atur menu "Data Source" seperti gambar di atas

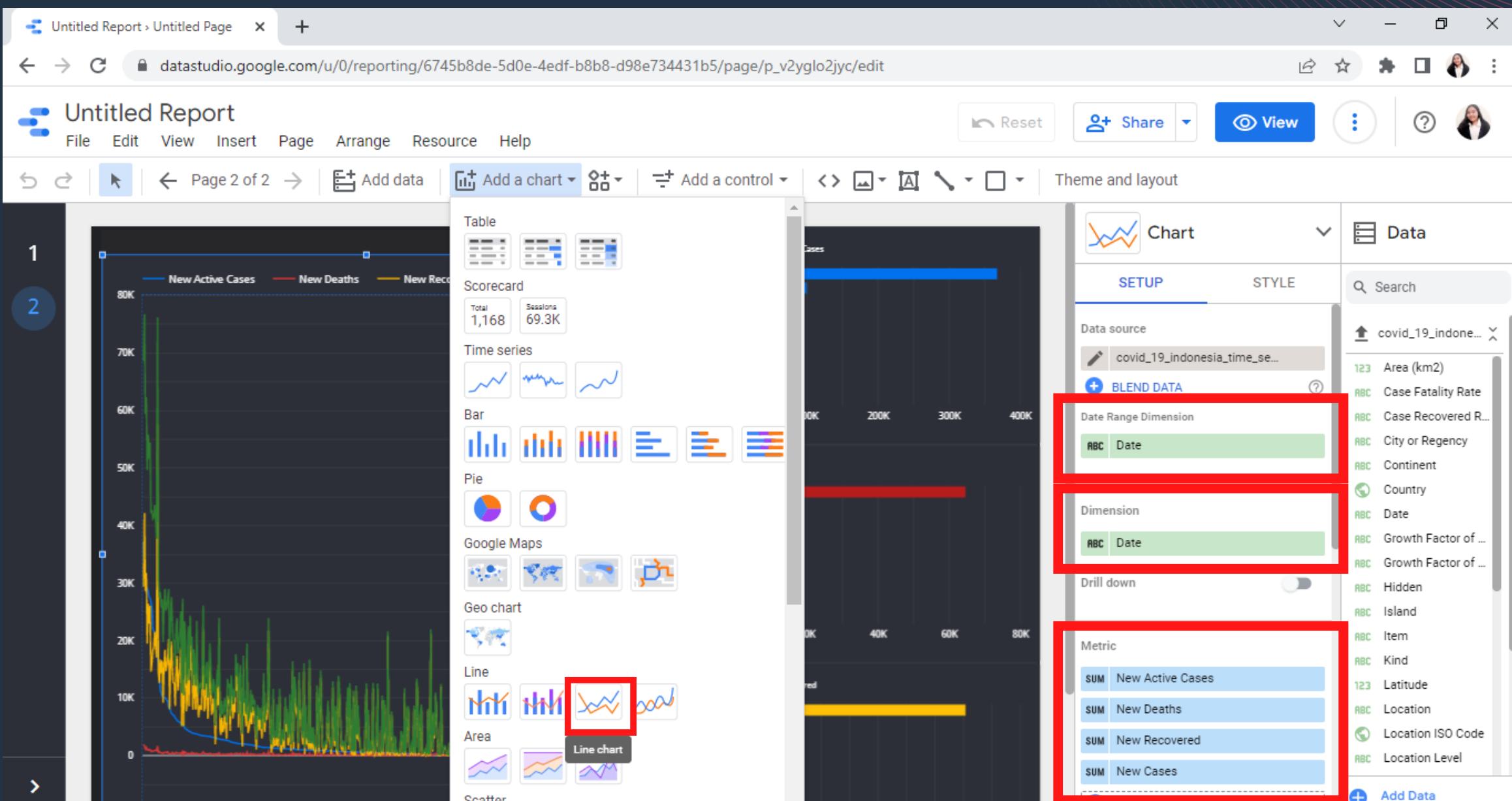


Step 19



Jika sudah, tampilan akan menjadi seperti gambar di atas

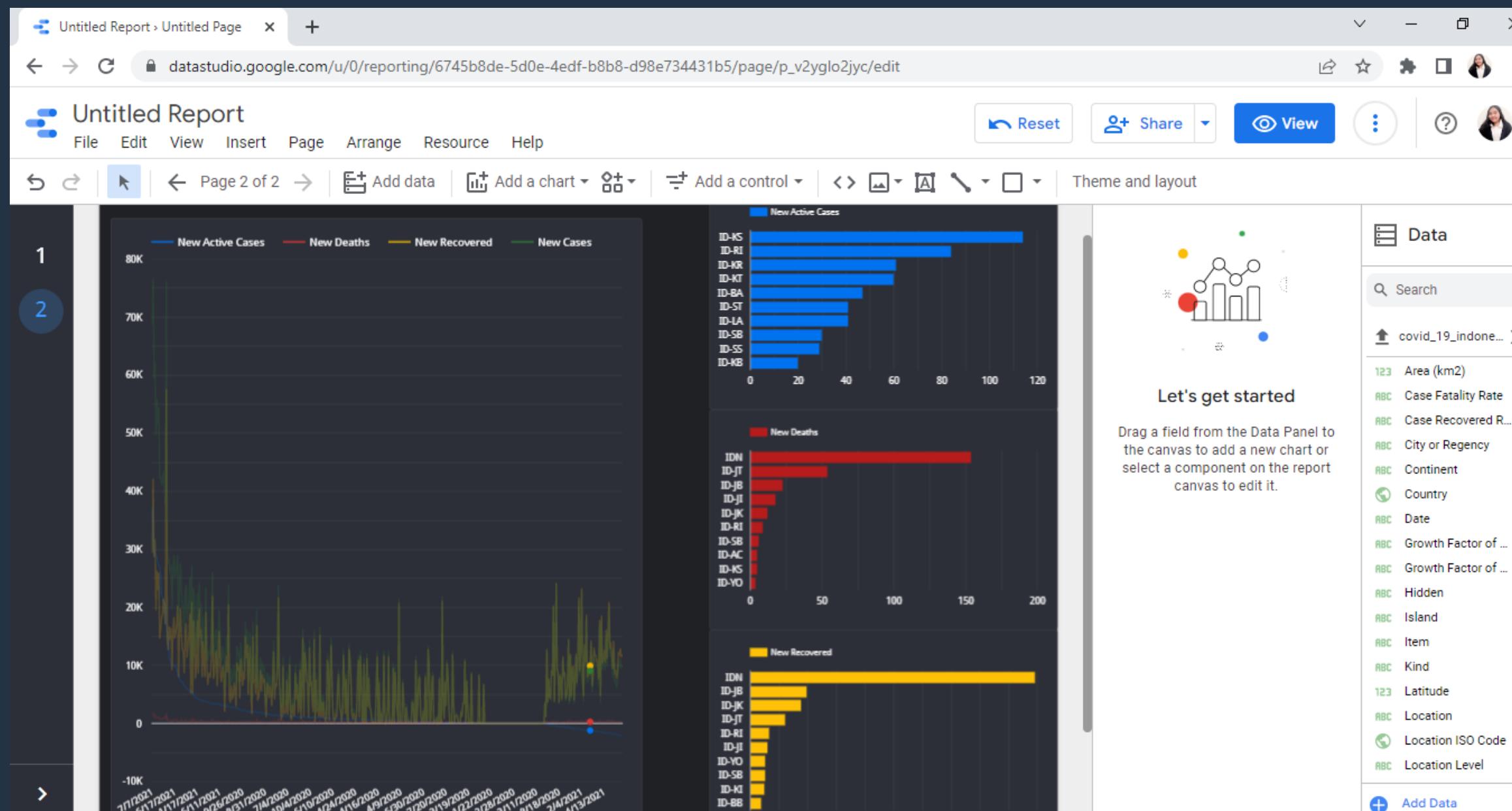
Step 20



Setelah itu, masukkan Line Chart ke dalam *dashboard* dengan cara klik "Add a Chart", lalu pilih Bar Chart dan atur menu "Data Source" seperti gambar di atas

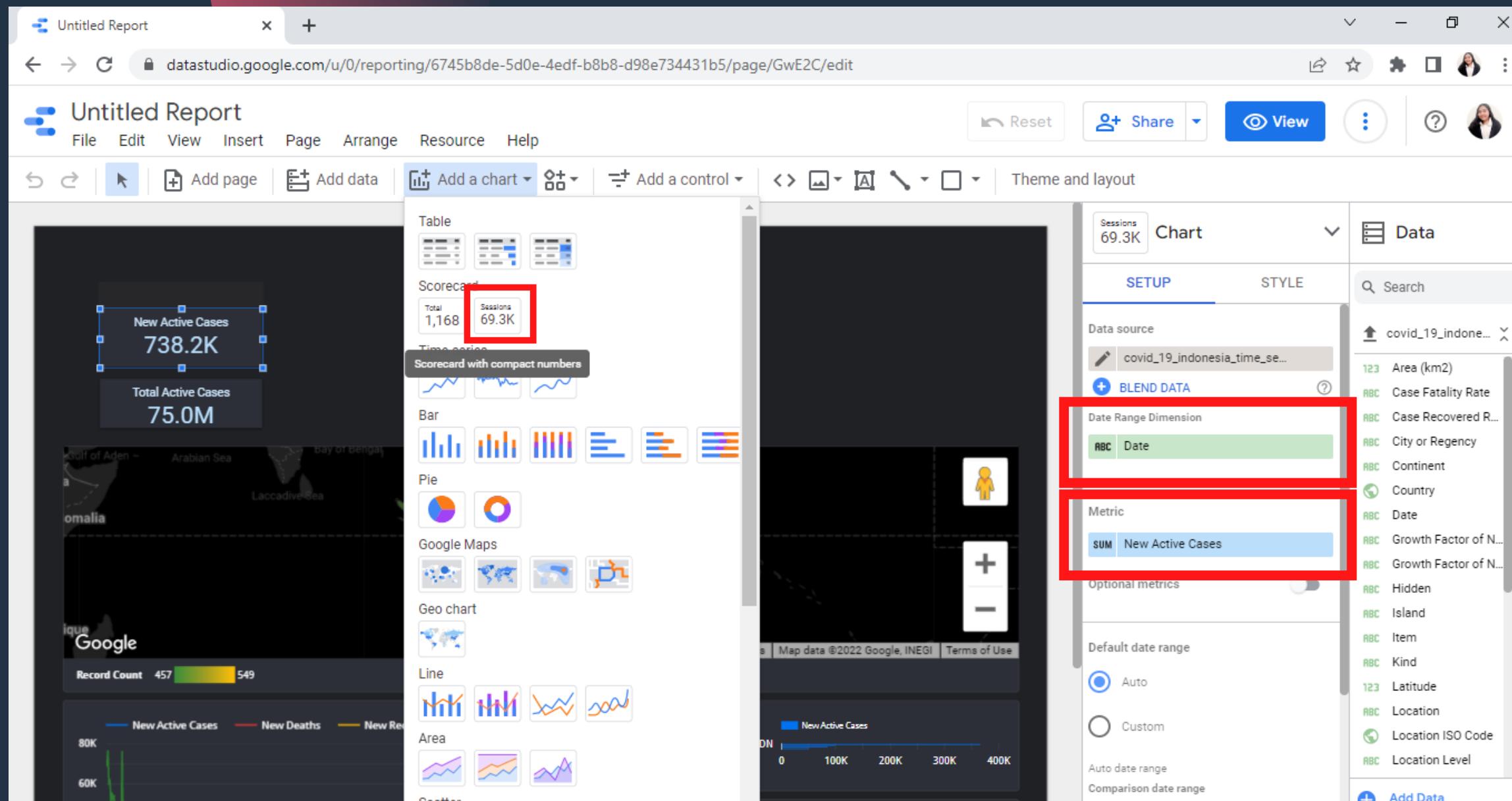


Step 21



Jika sudah, tampilan akan menjadi seperti gambar di atas

Step 22



Selanjutnya, klik "Add a Chart", lalu pilih Scorecard with Compact Numbers dan atur menu "Data Source" seperti gambar di atas



Step 23

The screenshot shows a Google Data Studio report titled "Untitled Report". The report interface includes a top navigation bar with "Untitled Report", a search bar, and various sharing and settings icons. Below the header is a toolbar with buttons for "Add page", "Add data", "Add a chart", "Add a control", and "Theme and layout". The main canvas displays a dashboard with three cards showing COVID-19 statistics for Indonesia:

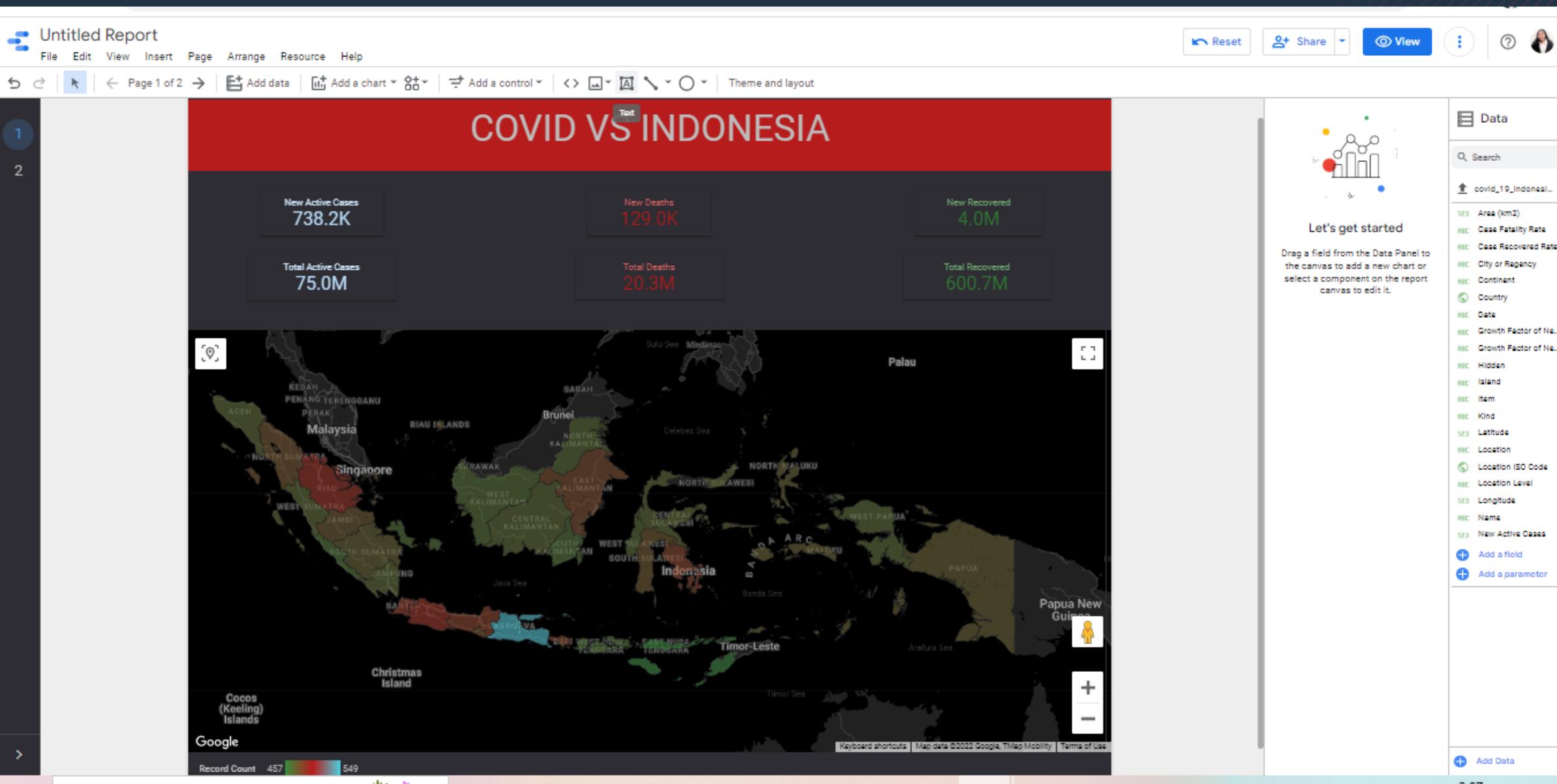
- New Active Cases: 738.2K
- Total Active Cases: 75.0M
- New Deaths: 129.0K
- Total Deaths: 20.3M
- New Deaths: 129.0K
- Total Deaths: 20.3M

Below the cards is a world map with a focus on Southeast Asia, specifically Indonesia. The map shows data points corresponding to the statistics in the cards. To the right of the map is a "Data" panel containing a "Search" field and a list of data fields from the "covid_19_indonesia" dataset, such as New Cases, New Deaths, and Total Active Cases. A "Let's get started" section provides instructions on how to add components to the report.

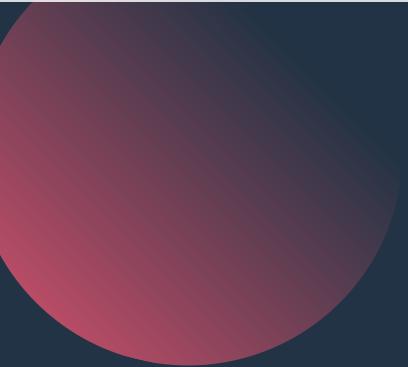
Jika sudah, tampilan akan menjadi seperti gambar di atas



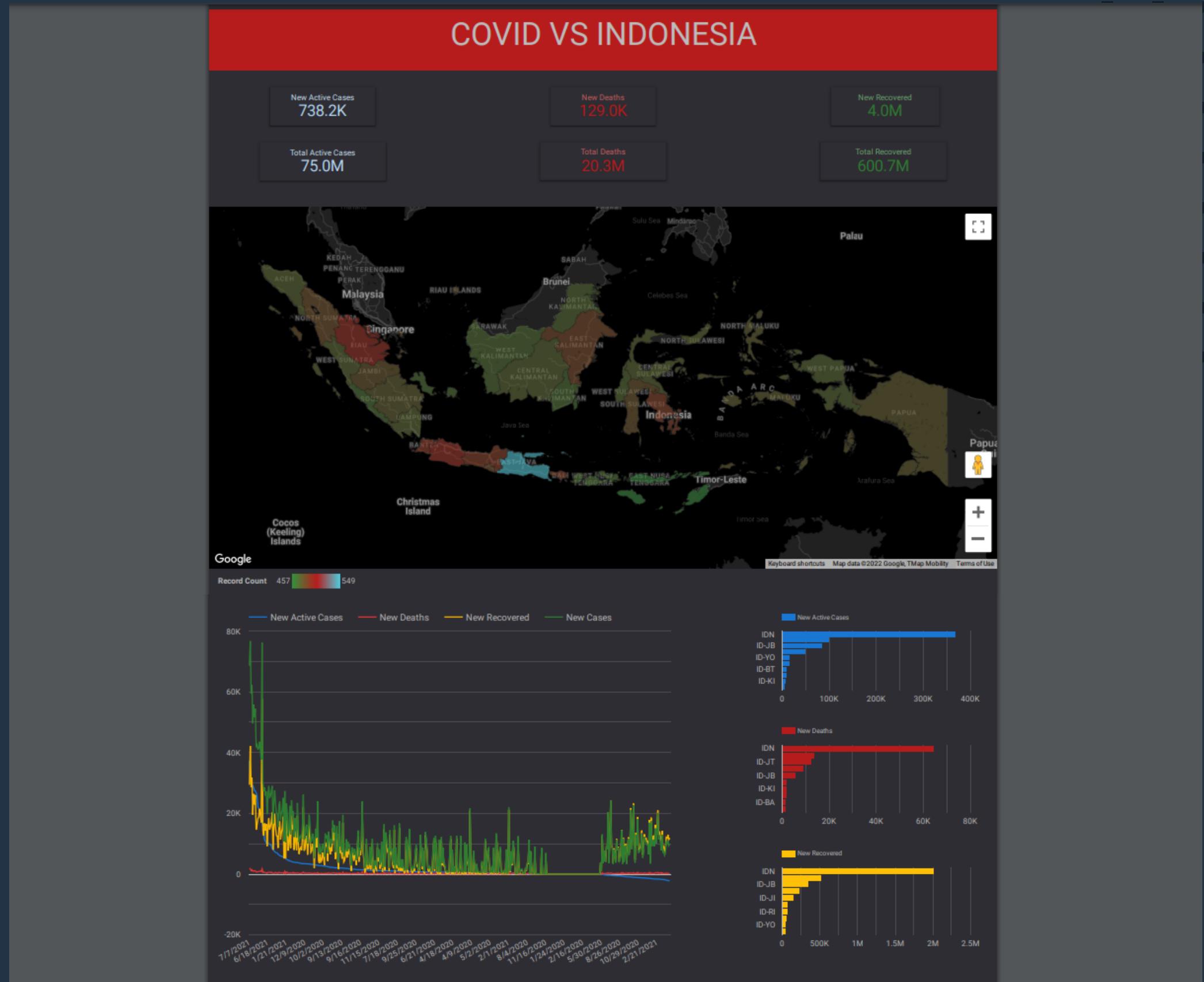
Step 24



Untuk membuat judul pada *dashboard* maka klik fitur "Text", kemudian atur bentuk tulisan pada menu "Text Properties" dan hasil akan tampak seperti gambar di atas



Berikut merupakan tampilan Data Visualisasi Covid-19 di Indonesia





Refrensi

- 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
- Link Google Data Studio :
<https://datastudio.google.com/reporting/b9555e0a-81c9-40b6-ba18-ef6bf0137561>