1. Jumlah total kasus Covid-19 aktif yang baru di setiap provinsi lalu diurutkan berdasarkan jumlah kasus yang paling besar

SELECT

province,

SUM(new\_active\_cases) AS total\_active\_cases

FROM

covid\_indonesia.covid\_case

WHERE

province IS NOT NULL

GROUP BY

province

ORDER BY

total\_active\_cases DESC;

2. Mengambil 2 (dua) location iso code yang memiliki jumlah total kematian karena Covid-19 paling sedikit

SELECT

location\_iso\_code,

SUM(total\_deaths) AS total\_death

FROM

covid\_indonesia.covid\_case

GROUP BY

location\_iso\_code

ORDER BY

total\_death ASC

LIMIT 2;

3. Data tentang tanggal-tanggal ketika rate kasus recovered di Indonesia paling tinggi beserta jumlah ratenya

WITH RankedRecoveryRates AS (

SELECT

date,

location\_iso\_code,

case\_recovered\_rate,

ROW\_NUMBER() OVER (PARTITION BY EXTRACT(YEAR FROM date), EXTRACT(MONTH FROM date) ORDER BY case\_recovered\_rate DESC) AS rank

FROM

covid\_indonesia.covid\_case

)

SELECT

date,

location\_iso\_code,

CONCAT(CAST(case\_recovered\_rate \* 100 AS STRING), '%') AS recovery\_rate

FROM

RankedRecoveryRates

WHERE

rank = 1

ORDER BY date ASC;

4. Total case fatality rate dan case recovered rate dari masing-masing location iso code yang diurutkan dari data yang paling rendah

SELECT

Location\_ISO\_Code,

ROUND(SUM(TOTAL\_Deaths) / SUM(Total\_Cases), 4) as `Total Fatality Rate`,

ROUND(SUM(Total\_Recovered) / SUM(Total\_Cases), 4) as `Total Recovered Rate`

FROM `binar-sql-practice-415010.challenge\_1.covid`

GROUP BY Location\_ISO\_Code

ORDER BY `Total Fatality Rate`, `Total Recovered Rate`;

5. Data tentang tanggal-tanggal saat total kasus Covid-19 mulai menyentuh angka 30.000-an

SELECT

MIN(Date) as Tanggal,

MIN(Total\_Cases) as Kasus,

FROM `binar-sql-practice-415010.challenge\_1.covid`

WHERE Total\_Cases >= 30000 AND Total\_Cases < 31000

GROUP BY FORMAT\_DATE('%b %Y', Date)

ORDER BY Tanggal;

6. Jumlah data yang tercatat ketika kasus Covid-19 lebih dari atau sama dengan 30.000

SELECT COUNT(\*) AS `Jumlah Data`

FROM `binar-sql-practice-415010.challenge\_1.covid`

WHERE Total\_Cases >= 30000