**Kelompok 7 Kecerdasan Bisnis**

Tofan Adi Nugroho 22-131

Muhammad Hablul Warid Ghazali 22-019

Andre 22-028

Nico Dwi Putra 22-101

Surya Eka Santoso 22-149

1. Menampilkan jumlah reservasi berdasarkan bulan.

Query :

SELECT

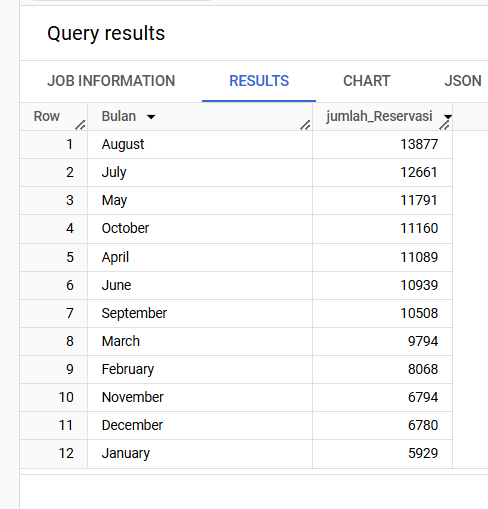
arrival\_date\_month AS Bulan,

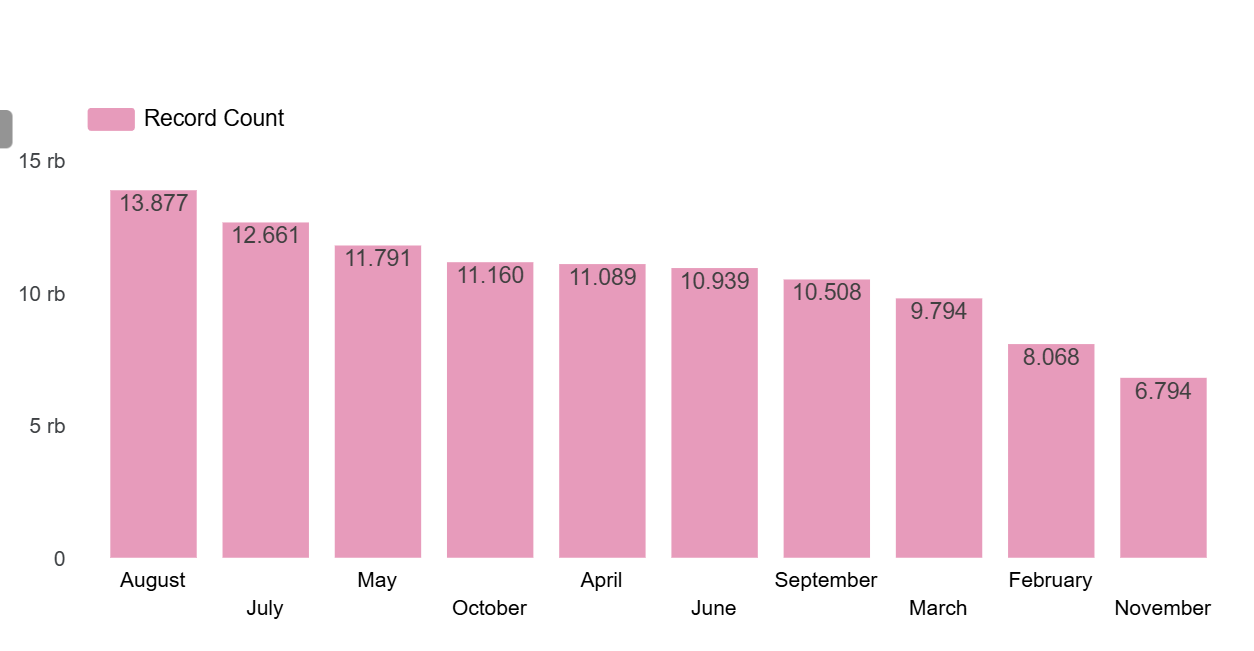
COUNT(\*) AS jumlah\_Reservasi

FROM `kelompok-7-451502.hotel\_booking.Hotel\_Booking`

GROUP BY arrival\_date\_month

ORDER BY jumlah\_Reservasi DESC;





1. Menampilkan berapa malam paling banyak dipesan oleh tamu berdasarkan jumlah malam di weekday dan weekend.

Query:

SELECT

stays\_in\_week\_nights AS Hari\_Kerja,

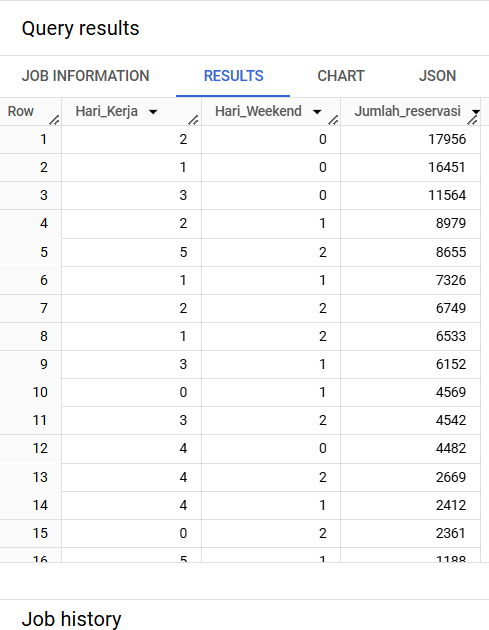
stays\_in\_weekend\_nights AS Hari\_Weekend,

COUNT(\*) AS Jumlah\_reservasi

FROM `kelompok-7-451502.hotel\_booking.Hotel\_Booking`

GROUP BY Hari\_Kerja, Hari\_Weekend

ORDER BY Jumlah\_reservasi DESC;



1. Menampilkan jumlah reservasi berdasarkan negara asal tamu hotel.

Query :

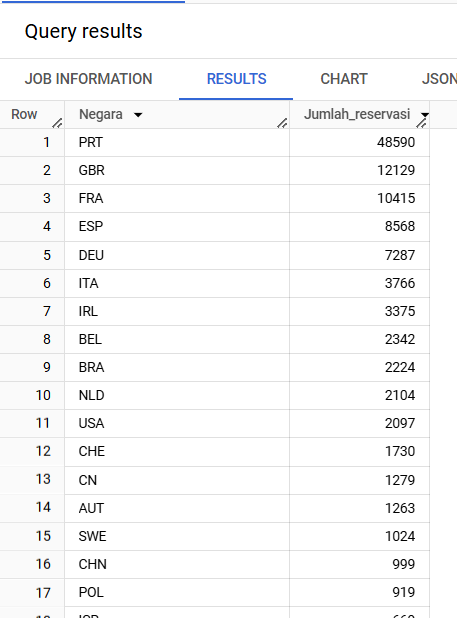
SELECT

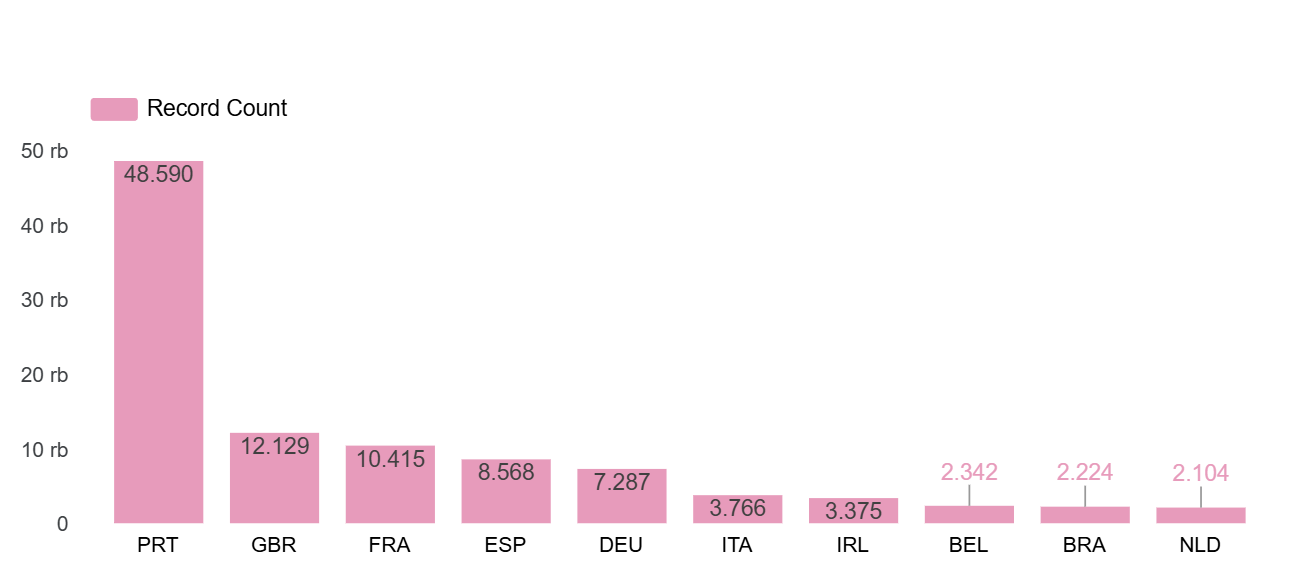
country AS Negara,

COUNT(\*) AS Jumlah\_reservasi

FROM `kelompok-7-451502.hotel\_booking.Hotel\_Booking`

GROUP BY Negara ORDER BY Jumlah\_reservasi DESC;





1. Menampilkan perbedaan rata-rata waktu hari pemesanan antara reservasi dibatalkan atau tidak.

Query :

SELECT

CASE

WHEN is\_canceled = 0 THEN 'Tetap Check-in'

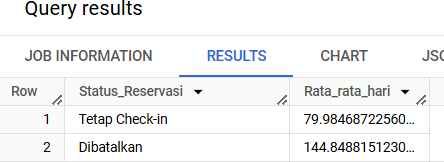
WHEN is\_canceled = 1 THEN 'Dibatalkan'

END AS Status\_Reservasi,

AVG(lead\_time) AS Rata\_rata\_hari

FROM `kelompok-7-451502.hotel\_booking.Hotel\_Booking`

GROUP BY is\_canceled;



1. Menghitung jumlah total reservasi serta tingkat persentasi pembatalan (%) dari reservasi yang dibatalkan.

Query :

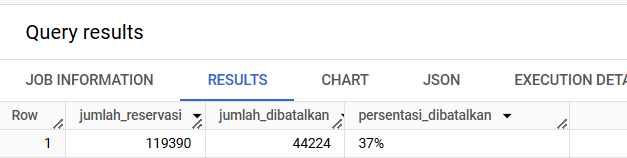
SELECT

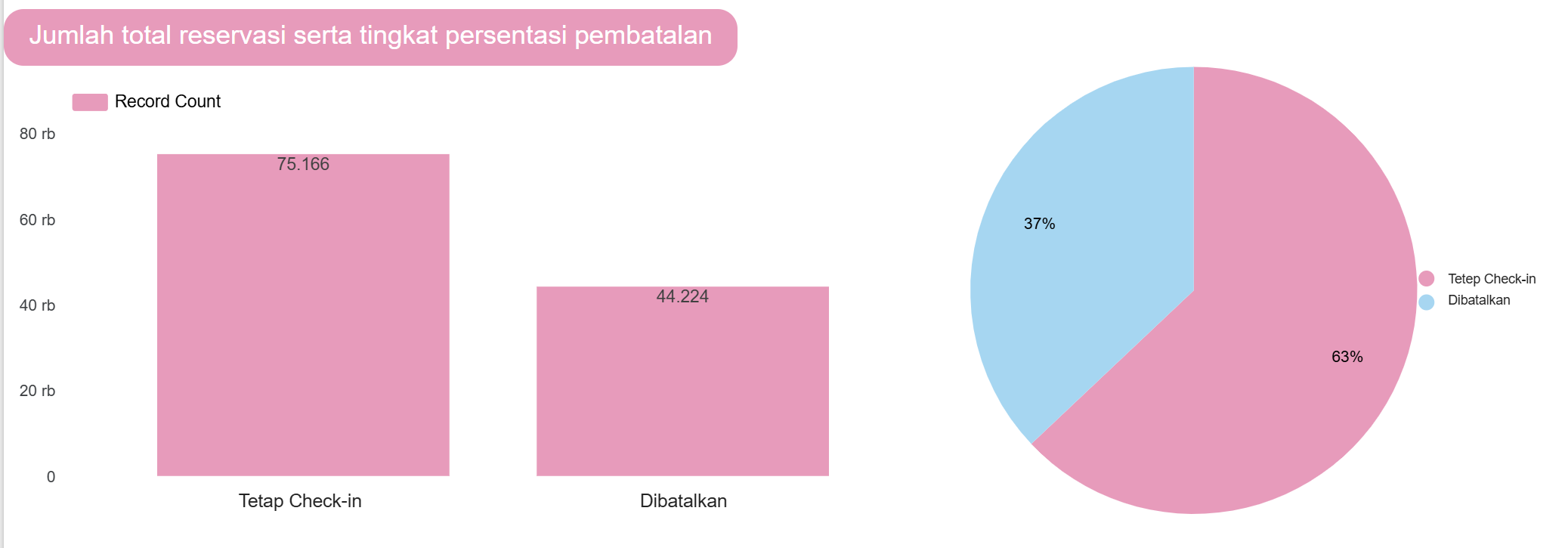
COUNT(\*) AS jumlah\_reservasi,

SUM(is\_canceled) AS jumlah\_dibatalkan,

CONCAT(ROUND(SUM(is\_canceled) \* 100.0 / COUNT(\*), 0), '%') AS persentasi\_dibatalkan

FROM `kelompok-7-451502.hotel\_booking.Hotel\_Booking`;





1. Menampilkan jumlah reservasi berdasarkan bulan dan tahun.

Query :

SELECT

    arrival\_date\_month AS Bulan,

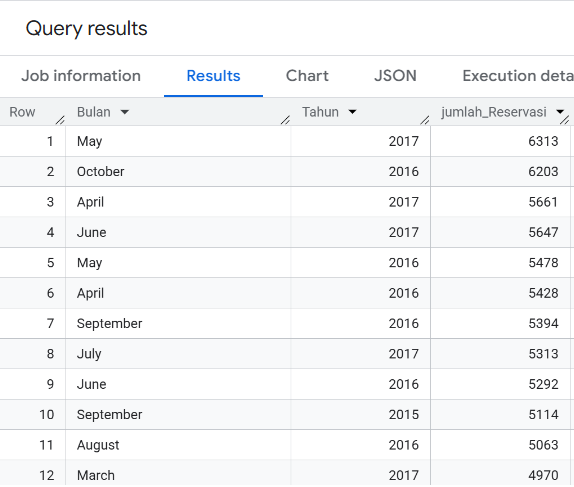
    arrival\_date\_year AS Tahun,

    COUNT(\*) AS jumlah\_Reservasi

FROM `kelompok-7-451502.hotel\_booking.hotel`

GROUP BY arrival\_date\_year, arrival\_date\_month

ORDER BY jumlah\_Reservasi DESC;



1. Menampilkan Tipe Kamar yang paling sering dipesan

SELECT

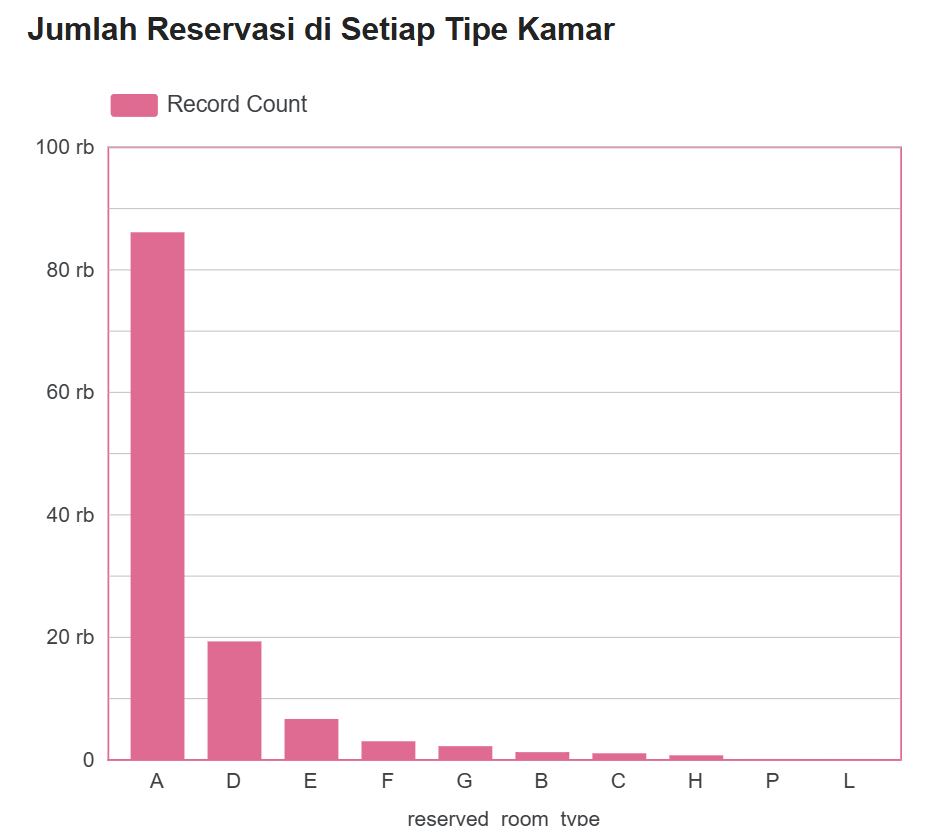
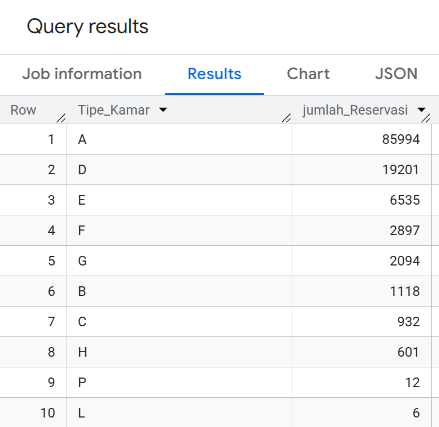
    reserved\_room\_type AS Tipe\_Kamar,

    COUNT(\*) AS jumlah\_Reservasi

FROM `kelompok-7-451502.hotel\_booking.hotel`

GROUP BY reserved\_room\_type

ORDER BY jumlah\_Reservasi DESC;



1. Menampilkan asal negara tamu hotel yang sering melakukan pembatalan

SELECT

country AS Negara,

COUNT(is\_canceled) AS Jumlah\_Pembatalan

FROM `kelompok-7-451502.hotel\_booking.hotel`

GROUP BY country

ORDER BY Jumlah\_Pembatalan DESC;

