**Tabel Analisa**

joining branch name

create table Kimia\_Farma.table\_1 as

select A.transaction\_id, A.date, A.branch\_id, B.branch\_name, B.kota, B.provinsi, B.rating as rating\_cabang, A.customer\_name, A.product\_id

from `Kimia\_Farma.kf\_final\_transaction` as A

left join `Kimia\_Farma.kf\_kantor\_cabang` as B

on A.branch\_id=B.branch\_id

order by A.branch\_id

;

joining product name

create table Kimia\_Farma.table\_2 as

select A.transaction\_id, A.product\_id, C.product\_name, A.price as actual\_price, A.discount\_percentage

from `Kimia\_Farma.kf\_final\_transaction` as A

left join `Kimia\_Farma.kf\_product`as C

on A.product\_id=C.product\_id

order by A.product\_id

;

joining table 1 & 2

create table Kimia\_Farma.table\_3 as

select D.transaction\_id, D.date, D.branch\_id, D.branch\_name, D.kota, D.provinsi, D.rating\_cabang, D.customer\_name, E.product\_id, E.product\_name, E.actual\_price, E.discount\_percentage

from `Kimia\_Farma.table\_1` as D

left join `Kimia\_Farma.table\_2` as E

on D.transaction\_id=E.transaction\_id

order by D.transaction\_id

;

persentase gross laba

CREATE TABLE Kimia\_Farma.persentase\_gross\_laba AS

SELECT transaction\_id,

CASE WHEN actual\_price <=50000 THEN 'laba 10%'

WHEN actual\_price <=100000 THEN 'laba 15%'

WHEN actual\_price <=300000 THEN 'laba 20%'

WHEN actual\_price <=500000 THEN 'laba 25%'

WHEN actual\_price >500000 THEN 'laba 30%'

END AS persentase\_gross\_laba

FROM `Kimia\_Farma.table\_3`

ATAU TANPA SYNTAX CREATE TABLE TAPI KLIK SAVE RESULT TO BIGQUERY TABLE

;

nett\_sales (HARGA SETELAH DISKON)

CREATE TABLE Kimia\_Farma.diskon as

SELECT transaction\_id, actual\_price, discount\_percentage, actual\_price\*discount\_percentage AS total\_diskon

FROM `Kimia\_Farma.table\_3`

;

CREATE TABLE Kimia\_Farma.nett\_sales as

SELECT transaction\_id, actual\_price-total\_diskon as nett\_sales

FROM `Kimia\_Farma.diskon`

;

net\_profit

CREATE TABLE Kimia\_Farma.gross\_laba as

SELECT transaction\_id, actual\_price,

CASE WHEN actual\_price <=50000 THEN actual\_price\*0.10

WHEN actual\_price <=100000 THEN actual\_price\*0.15

WHEN actual\_price <=300000 THEN actual\_price\*0.20

WHEN actual\_price <=500000 THEN actual\_price\*0.25

WHEN actual\_price >500000 THEN actual\_price\*0.30

END AS gross\_laba

FROM `Kimia\_Farma.table\_3`

;

create table Kimia\_Farma.harga\_modal as

select transaction\_id, actual\_price, gross\_laba, actual\_price-gross\_laba as harga\_modal

from `Kimia\_Farma.gross\_laba`

;

create table Kimia\_Farma.nett\_sales\_nmodal as

select F.transaction\_id, F.nett\_sales, G.harga\_modal

from `Kimia\_Farma.nett\_sales` as F

left join `Kimia\_Farma.harga\_modal` as G

on F.transaction\_id=G.transaction\_id

order by F.transaction\_id

;

create table Kimia\_Farma.nett\_profit as

select transaction\_id, nett\_sales-harga\_modal as nett\_profit

from `Kimia\_Farma.nett\_sales\_nmodal`

;

rating transaksi

create table Kimia\_Farma.rating\_transaksi as

select transaction\_id, rating as rating\_transaksi

from `Kimia\_Farma.kf\_final\_transaction`

;

joining persentase gross laba, nett sales, nett profit, rating transaksi

create table Kimia\_Farma.table\_4 as

select H.transaction\_id, H.persentase\_gross\_laba, I.nett\_sales, J.nett\_profit, K.rating\_transaksi

from Kimia\_Farma.persentase\_gross\_laba as H

inner join Kimia\_Farma.nett\_sales as I

on H.transaction\_id=I.transaction\_id

inner join Kimia\_Farma.nett\_profit as J

on H.transaction\_id=J.transaction\_id

inner join Kimia\_Farma.rating\_transaksi as K

on H.transaction\_id=K.transaction\_id

;

final table

create table Kimia\_Farma.final\_table as

select L.transaction\_id, L.date, L.branch\_id, L.branch\_name, L.kota, L.provinsi, L.rating\_cabang, L.customer\_name, L.product\_id, L.product\_name, L.actual\_price, L.discount\_percentage, M.persentase\_gross\_laba, M.nett\_sales, M.nett\_profit, M.rating\_transaksi

from `Kimia\_Farma.table\_3` as L

left join `Kimia\_Farma.table\_4` as M

on L.transaction\_id=M.transaction\_id

order by L.transaction\_id

**DASHBOARD**

(1) Perbandingan pendapatan dari tahun ke tahun

create table Kimia\_Farma.nett\_profit\_with\_year as

select transaction\_id, extract(year FROM date) as year, nett\_profit,

from `Kimia\_Farma.final\_table`

;

create table Kimia\_Farma.pendapatan\_per\_tahun as

select year, sum (nett\_profit) as pendapatan,

from `Kimia\_Farma.nett\_profit\_with\_year`

group by year

(2) Top 10 total transaksi cabang provinsi

create table Kimia\_Farma.total\_transaksi\_per\_provinsi as

select provinsi, count (transaction\_id) as total\_transaksi

from `Kimia\_Farma.final\_table`

group by provinsi

(3) Top 10 nett sales cabang provinsi

create table Kimia\_Farma.nett\_sales\_per\_provinsi as

select provinsi, sum (nett\_sales) as nett\_sales,

from `Kimia\_Farma.final\_table`

group by provinsi

(4) Top 5 cabang dengan rating tertinggi, namun rating transaksi terendah

create table Kimia\_Farma.avg\_rate\_cabang\_dan\_transaksi as

select branch\_id, branch\_name, provinsi, avg (rating\_cabang) as rating\_cabang, avg(rating\_transaksi) as rating\_transaksi,

from `Kimia\_Farma.final\_table`

group by branch\_id, branch\_name, provinsi

;

create table Kimia\_Farma.toprate\_cabang\_lowrate\_transaksi as

select branch\_id, branch\_name, provinsi, rating\_cabang, rating\_transaksi

from `Kimia\_Farma.avg\_rate\_cabang\_dan\_transaksi`

order by rating\_cabang DESC, rating\_transaksi ASC

(5) Indonesia’s geo Map untuk total profit masing-masing provinsi

create table Kimia\_Farma.total\_profit\_per\_provinsi as

select provinsi, sum (nett\_profit) as total\_profit,

from `Kimia\_Farma.final\_table`

group by provinsi

(6) Top 5 customer ter-royal (transaksi terbanyak)

create table Kimia\_Farma.total\_transaksi\_customer as

select customer\_name, count (transaction\_id) as jumlah\_transaksi,

from `Kimia\_Farma.final\_table`

group by customer\_name

**Snapshot**

(4) Kepuasan Pelanggan

create table Kimia\_Farma.rating\_transaksi\_5 as

select rating\_transaksi, count (rating\_transaksi) as jumlah\_rating

from `Kimia\_Farma.final\_table`

where rating\_transaksi=5

group by rating\_transaksi

(5) Performa Cabang

create table Kimia\_Farma.rating\_cabang\_5 as

select rating\_cabang, count (rating\_cabang) as jumlah\_rating

from `Kimia\_Farma.final\_table`

where rating\_cabang =5

group by rating\_cabang