#prosedur cleaning and normalisation table kf\_product

SELECT

  product\_id,

  product\_name,

  product\_category,

  price

FROM

  `rakamin-kf-analytics-458515`.`kimia\_farma`.`kf\_product`

WHERE

  NOT product\_id IS NULL

  AND NOT product\_name IS NULL

  AND NOT product\_category IS NULL

  AND NOT price IS NULL;

#procedur for cleaning and normalisasi data di tabel kf\_kantor\_cabang

SELECT

  branch\_id,

  branch\_category,

  branch\_name,

  kota,

  provinsi,

  CAST(rating AS INT64) AS rating

FROM

  `rakamin-kf-analytics-458515`.`kimia\_farma`.`kf\_kantor\_cabang`;

#procedur for cleaning and normalisation data di tabel kf\_inventory

SELECT

  Inventory\_ID,

  branch\_id,

  product\_id,

  product\_name,

  CASE

    WHEN opname\_stock IS NULL THEN 0

    ELSE opname\_stock

END

  AS opname\_stock

FROM

  `rakamin-kf-analytics-458515`.`kimia\_farma`.`kf\_inventory`;

# procedur for cleaning and normalisation data di tabel kf\_final\_transaction

SELECT

  transaction\_id,

  date,

  branch\_id,

  customer\_name,

  product\_id,

  price,

  discount\_percentage,

  rating

FROM

  `rakamin-kf-analytics-458515`.`kimia\_farma`.`kf\_final\_transaction`

WHERE

  NOT REGEXP\_CONTAINS(transaction\_id, r'[^\w]')

  AND NOT REGEXP\_CONTAINS(customer\_name, r'[^\w]')

  AND NOT REGEXP\_CONTAINS(product\_id, r'[^\w]')

  AND price > 0

  AND discount\_percentage >= 0

  AND discount\_percentage <= 1

  AND rating >= 1

  AND rating <= 5;