-- A. Pizza Metrics

-Data Cleaning

-- 1. Asama

Select \* from customer\_orders;

select DISTINCT exclusions from customer\_orders;

select DISTINCT extras from customer\_orders;

-- exclusions da ve extras sutunlarinda hem bos stringler var hem de string halinde null degerler var.

select order\_id,

customer\_id,

pizza\_id,

case when exclusions = 'null' or exclusions = '' then NULL else exclusions END as exclusions,

case when extras = 'null' or extras = '' then NULL else exclusions END as extras,

order\_time

FROM customer\_orders;

--- Bundan sonra 3 secenek var. Birincisi yeni bir tablo olusturmak, digeri varolan tabloya yeni sutun eklemek, diger yol

-- bir sutundaki degerleri kalici olarak degistirmek.

--1. yol yeni tablo olusturmak

--create table customer\_orders\_new AS

select order\_id,

customer\_id,

pizza\_id,

case when exclusions = 'null' or exclusions = '' then NULL else exclusions END as exclusions,

case when extras = 'null' or extras = '' then NULL else exclusions END as extras,

order\_time

FROM customer\_orders;

--II yol varolan sutunlari degistirmek

UPDATE customer\_orders

SET exclusions = CASE

when exclusions = 'null' or exclusions = '' then NULL else exclusions

END;

UPDATE customer\_orders

SET extras = CASE

when extras = 'null' or extras = '' then NULL else extras

END;

--III yol varolan tabloya yeni sutun eklemek

--- Runner orders tablosu

select \* from runner\_orders;

select DISTINCT(pickup\_time) from runner\_orders;

select DISTINCT(distance) from runner\_orders;

select DISTINCT(duration) from runner\_orders;

select DISTINCT(cancellation) from runner\_orders;

--

-- select order\_id,

-- runner\_id,

-- case

-- when pickup\_time = 'null' then NULL

-- else pickup\_time end as pickup\_time,

-- case when distance = 'null' then NULL

-- when distance like '%km' then trim(distance,'km') else distance end as distance,

-- case when duration like 'null' then NULL

-- when duration like '%mins' then trim(duration,'mins')

-- when duration like '%minute' then trim(duration,'minute')

-- when duration like '%minutes' then trim(duration,'minutes') else duration end as duration,

-- case when cancellation = 'null' or cancellation ='' then NULL else cancellation end as cancellation

-- from runner\_orders;

---- Update Table

UPDATE runner\_orders

SET pickup\_time = CASE

when pickup\_time = 'null' then NULL

else pickup\_time

END,

distance = CASE

when distance = 'null' then NULL

when distance like '%km' then trim(distance,'km') else distance

END,

duration = CASE

when duration like 'null' then NULL

when duration like '%mins' then trim(duration,'mins')

when duration like '%minute' then trim(duration,'minute')

when duration like '%minutes' then trim(duration,'minutes') else duration

END,

cancellation = CASE

when cancellation = 'null' or cancellation ='' then NULL else cancellation END;

---

select \* from runner\_orders;

--- Veri tiplerini degistirme

alter table runner\_orders

alter COLUMN pickup\_time

type timestamp

using to\_timestamp(pickup\_time,'YY/MM/DD HH24:MI');

ALTER TABLE runner\_orders

ALTER COLUMN distance

TYPE float --Buraya numeric real da yazabilirsiniz

USING distance::double precision; -- Buraya real veya numeric de yazabilirsiniz.

ALTER TABLE runner\_orders

ALTER COLUMN duration

TYPE int

USING duration::integer;