Delivery Logistics Queries Q&As

--total delivery cost

select round(sum(delivery_cost),0) as total_delivery_cost

from delivery

	total_delivery_cost
1	21623614

--avg delivery cost

select round(avg(delivery_cost),2) as avg_delivery_cost

from delivery

	avg_delivery_cost
1	864.94

--avg delivery distance-km

select round(avg(distance_km),2) as avg_delivery_distance

from delivery

	avg_delivery_distance
1	150.39

--avg package weight-kg

select round(avg(package_weight_kg),2) as avg_package_weight

from delivery

	avg_package_weight
1	25.15

--avg delivery rating

select avg(delivery_rating) as avg_delivery_rating

from delivery

	avg_delivery_rating
1	3

--total deliveries

select count(delivery_id) as total_deliveries

from delivery

	total_deliveries
1	25000

--how many deliveries delivery_partners did?

select delivery_partner , count(*) as total_delivery

from delivery

group by delivery_partner

order by total_delivery desc

	delivery_partner	total_delivery
1	xpressbees	2826
2	fedex	2818
3	dhl	2802
4	ekart	2801
5	blue dart	2798
6	delhivery	2786
7	shadowfax	2736
8	ecom express	2722
9	amazon logistics	2711

--Categorize package type in each delivery

select package_type , count(*) as total_delivery
from delivery
group by package_type
order by total_delivery desc

	package_type	total_delivery
1	fragile items	2848
2	pharmacy	2810
3	documents	2805
4	automobile parts	2795
5	electronics	2792
6	clothing	2767
7	furniture	2746
8	cosmetics	2744
9	groceries	2693

--avg delivery cost of all vehicle types

select vehicle_type , round(avg(delivery_cost),2) as avg_delivery_cost
from delivery
group by vehicle_type
order by avg_delivery_cost desc

	vehicle_type	avg_delivery_cost
1	ev bike	869.24
2	bike	868.92
3	ev van	866.18
4	truck	864.77
5	scooter	862.91
6	van	857.66

--avg delivery cost of all delivery modes

select delivery_mode , round(avg(delivery_cost),2) as avg_delivery_cost
from delivery
group by delivery_mode
order by avg_delivery_cost desc

	delivery_mode	avg_delivery_cost
1	same day	929.87
2	express	880.43
3	two day	829.71
4	standard	819.34

--total number of deliveries to each delivery mode

select delivery_mode , count(*) as total_deliveries
from delivery
group by delivery_mode
order by total_deliveries desc

	delivery_mode	total_deliveries
1	two day	6302
2	same day	6279
3	express	6233
4	standard	6186

--total number of deliveries to each region

select region , count(*) as total_deliveries
from delivery
group by region
order by total_deliveries desc

	region	total_deliveries
1	west	5095
2	central	5060
3	south	4977
4	north	4949
5	east	4919

--number of deliveries in each weather condition

select weather_condition, count(*) as total_deliveries
from delivery
group by weather_condition
order by total_deliveries desc

	weather_condition	total_deliveries
1	foggy	4219
2	stormy	4198
3	rainy	4171
4	cold	4158
5	hot	4130
6	clear	4124

--how many times delivery delayed or not?

select delayed , count(*) as total_count
from delivery
group by delayed
order by total_count desc

	delayed	total_count
1	no	18331
2	yes	6669

--Categorize delivery status with total count of each status happend

select delivery_status,count(*) as total_count
from delivery
group by delivery_status
order by total_count desc

	delivery_status	total_count
1	delivered	18331
2	delayed	5341
3	failed	1328