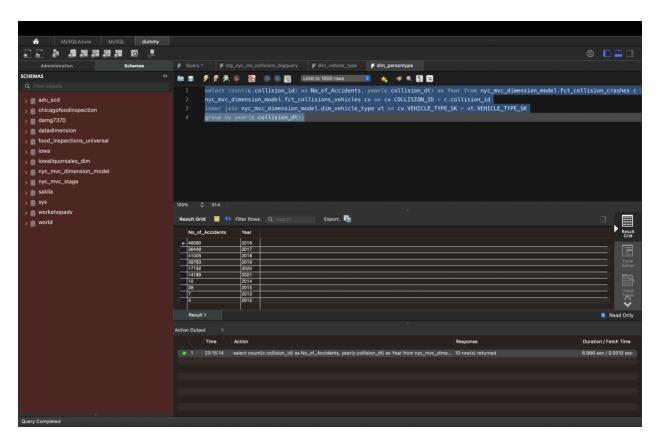
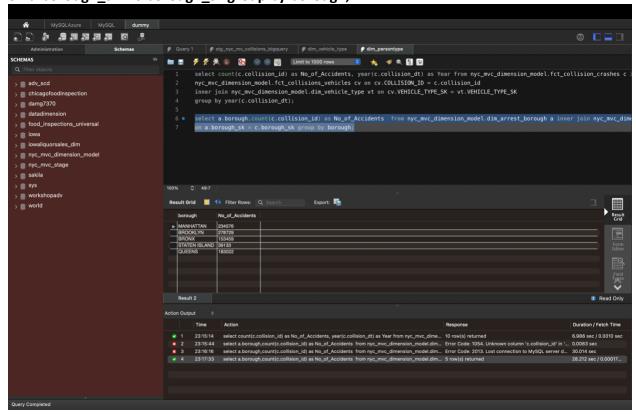
Queries

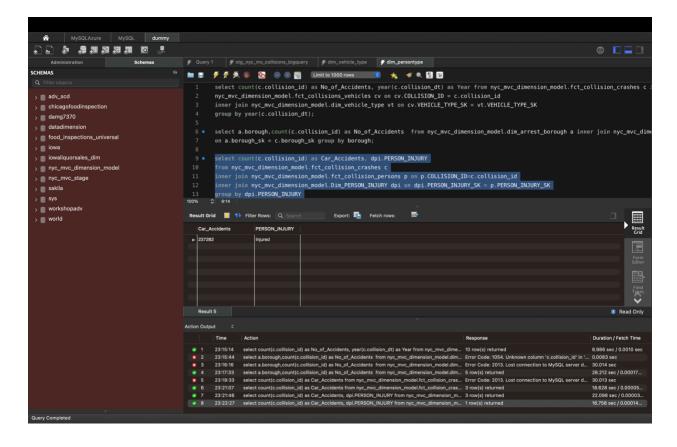
1.
select count(c.collision_id) as No_of_Accidents, year(c.collision_dt) as Year from
nyc_mvc_dimension_model.fct_collision_crashes c inner join
nyc_mvc_dimension_model.fct_collisions_vehicles cv on cv.COLLISION_ID = c.collision_id
inner join nyc_mvc_dimension_model.dim_vehicle_type vt on cv.VEHICLE_TYPE_SK =
vt.VEHICLE_TYPE_SK
group by year(c.collision_dt);



2. select a.borough,count(c.collision_id) as No_of_Accidents from nyc_mvc_dimension_model.dim_arrest_borough a inner join nyc_mvc_dimension_model.fct_collision_crashes c on a.borough_sk = c.borough_sk group by borough;

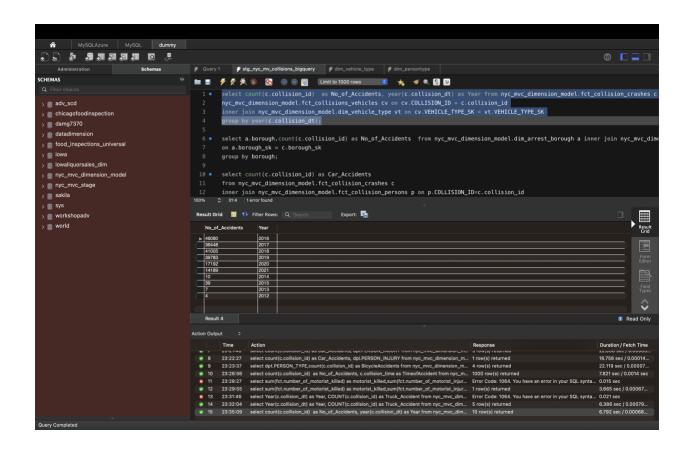


3.
select count(c.collision_id) as Car_Accidents, dpi.PERSON_INJURY
from nyc_mvc_dimension_model.fct_collision_crashes c
inner join nyc_mvc_dimension_model.fct_collision_persons p on
p.COLLISION_ID=c.collision_id
inner join nyc_mvc_dimension_model.Dim_PERSON_INJURY dpi on dpi.PERSON_INJURY_SK =
p.PERSON_INJURY_SK
group by dpi.PERSON_INJURY
limit 1;

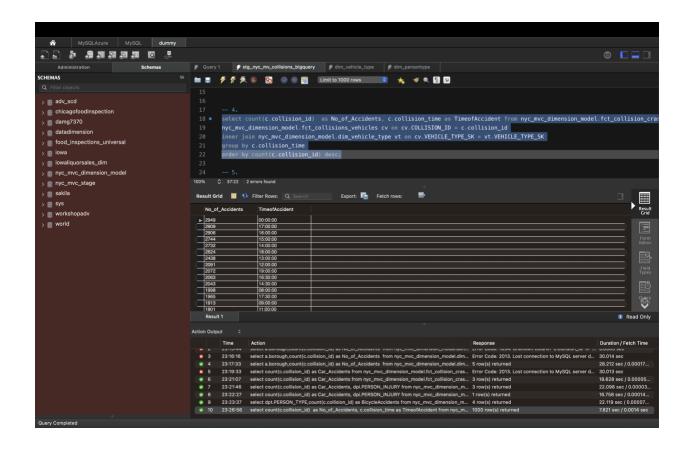


4.

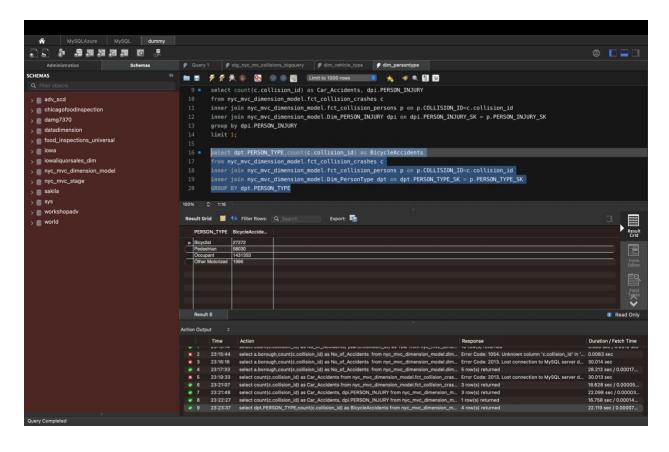
select count(c.collision_id) as No_of_Accidents, year(c.collision_dt) as Year from
nyc_mvc_dimension_model.fct_collision_crashes c inner join
nyc_mvc_dimension_model.fct_collisions_vehicles cv on cv.COLLISION_ID = c.collision_id
inner join nyc_mvc_dimension_model.dim_vehicle_type vt on cv.VEHICLE_TYPE_SK =
vt.VEHICLE_TYPE_SK
group by year(c.collision_dt);



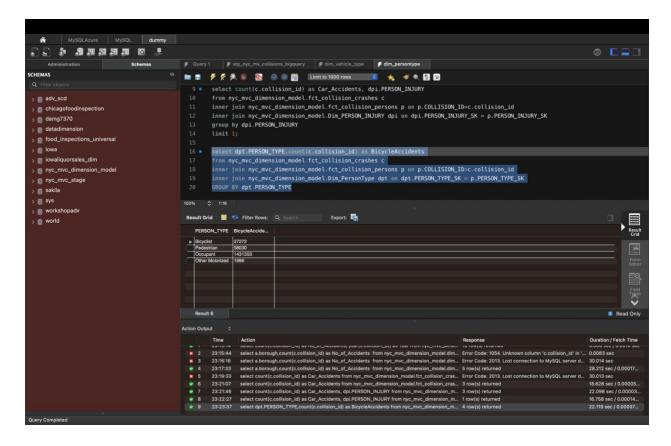
5.
select count(c.collision_id) as No_of_Accidents, c.collision_time as TimeofAccident from nyc_mvc_dimension_model.fct_collision_crashes c inner join nyc_mvc_dimension_model.fct_collisions_vehicles cv on cv.COLLISION_ID = c.collision_id inner join nyc_mvc_dimension_model.dim_vehicle_type vt on cv.VEHICLE_TYPE_SK = vt.VEHICLE_TYPE_SK
group by c.collision_time
order by count(c.collision_id) desc;



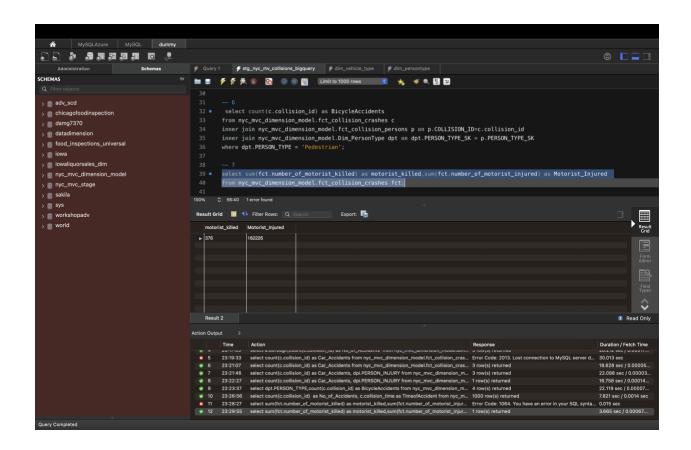
6.
select dpt.PERSON_TYPE,count(c.collision_id) as BicycleAccidents
from nyc_mvc_dimension_model.fct_collision_crashes c
inner join nyc_mvc_dimension_model.fct_collision_persons p on
p.COLLISION_ID=c.collision_id
inner join nyc_mvc_dimension_model.Dim_PersonType dpt on dpt.PERSON_TYPE_SK =
p.PERSON_TYPE_SK
GROUP BY dpt.PERSON_TYPE



7.
select dpt.PERSON_TYPE,count(c.collision_id) as BicycleAccidents
from nyc_mvc_dimension_model.fct_collision_crashes c
inner join nyc_mvc_dimension_model.fct_collision_persons p on
p.COLLISION_ID=c.collision_id
inner join nyc_mvc_dimension_model.Dim_PersonType dpt on dpt.PERSON_TYPE_SK =
p.PERSON_TYPE_SK
GROUP BY dpt.PERSON_TYPE



8. select sum(fct.number_of_motorist_killed) as motorist_killed,sum(fct.number_of_motorist_injured) as Motorist_Injured from nyc_mvc_dimension_model.fct_collision_crashes fct;



9.
select Year(c.collision_dt) as Year, COUNT(c.collision_id) as Truck_Accident
from nyc_mvc_dimension_model.fct_collision_crashes c
join nyc_mvc_dimension_model.fct_Collisions_Vehicles v on v.COLLISION_ID = c.collision_id
join nyc_mvc_dimension_model.Dim_VEHICLE_TYPE dvt on
dvt.VEHICLE_TYPE_SK=v.VEHICLE_TYPE_SK
where dvt.VEHICLE_TYPE like '%truc%'
group by Year(c.collision_dt)
order by 2 desc;

