Vehicle Insurance Database Queries

1. Retrieve Customer and Vehicle details who has been involved in an incident and claim status is pending – Customer, vehicle, claim status, incident

Select cust\_id,concat(cust\_fname,’ ’,cust\_lname) as cust\_name ,vehicle\_id,claim\_id,claim\_status,incident\_type from customer c join vehicle v on c.cust\_id=v.cust\_id join claim cl on cl.cust\_id = c.cust\_id where incident\_id is not null and claim\_status like “pending”

1. Retrieve customer details who has premium payment amount greater than the sum of all the customerIds in the database – premium payment, customer

Select c.cust\_id, concat(cust\_fname,’ ’,cust\_lname) as cust\_name,premium\_payment\_id from customer c join

premium\_payment\_id p on p.cust\_id = c.cust\_id;

1. Retrieve Company details whose number of products is greater than departments, where the departments are located in more than one location—company, product, departments, office

Select insurance\_company.\* from company

join product on company.company\_name = product.comapny\_name

join department on company.company\_name = department.company\_name

group by department.location having department.location>1 and

company.

1. Select Customers who have more than one Vehicle, where the premium for one of the Vehicles is not paid and it is involved in accident

Select customer\* from customer join vehicle where customer.cust\_id=vehicle.cust\_id

1. Select all vehicles which have premium more than its vehicle number.

Select vehicle\_id from vehicles join premium\_payment on vehicle.cust\_id= premium\_payment.cust\_id where premium\_payment\_amount>vehicle\_number;

1. Retrieve Customer details whose Claim Amount is less than Coverage Amount and Claim Amount is greater than Sum of (CLAIM\_SETTLEMENT\_ID, VEHICLE\_ID, CLAIM\_ID, CUST\_ID)