Server Address/Host Name: dbi-bc2020.cok3fwhxp8bt.us-west-2.rds.amazonaws.com

Port 3306

DB Name (Database Name) travel

User id bcuser

Password GajiNi1i

CONNECTION ==> mysql -u bcuser -h dbi-bc2020.cok3fwhxp8bt.us-west-2.rds.amazonaws.com -P 3306 -D travel -p

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SQL QUERIES :

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1)select sum(case when Gender='M' then 1 else 0 end) as M,sum(case when Gender='F' then 1 else 0 end) as F,count(\*) as totalcount from Passenger where distance>=600;

2)select min(Price) from Price where Compartment='AC';

3) select Passenger\_Name from Passenger where Passenger\_Name like 'S%';

4)select Passenger.Passenger\_Name,Passenger.Boarding\_Station,Passenger.Destination\_Station,Passenger.Compartment,Price.Price from Passenger inner join Price on Passenger.Distance=Price.Distance and Passenger.Compartment=Price.Compartment;

5)select Passenger.Passenger\_Name,Price.Price from Passenger inner join Price on Passenger.Distance=Price.Distance where Passenger.Compartment='Non-AC' and Price.Distance=1000;

6)select distinct (select Price.Price from Price join Passenger on Passenger.Distance=Price.Distance and Passenger.Compartment=Price.Compartment where Passenger.Boarding\_Station='Mumbai' and Passenger.Destination\_Station='Chennai')-(select Price.Price from Price join Passenger on Passenger.Distance=Price.Distance and Passenger.Compartment=Price.Compartment where Passenger.Boarding\_Station='Mumbai' and Passenger.Destination\_Station='Goa') as extra\_cost from Passenger join Price on Passenger.Distance=Price.Distance and Passenger.Compartment=Price.Compartment;

7) select Price.Price from Price join Passenger on Passenger.Distance=Price.Distance and Passenger.Compartment=Price.Compartment where (Passenger.Boarding\_Station='Bangalore' and Passenger.Destination\_Station='Goa') and (Passenger.Compartment='AC' or Passenger.Compartment='Non-AC');

8)select distinct Distance from Passenger;

9)select Passenger\_Name,(Distance \*100/(select sum(Distance) from Passenger)) as distance\_percentage from Passenger;

10)select count(Passenger\_Name) from Passenger where Passenger\_Name like '%a%';