select \* from Cab\_Data

select \* from City

select \* from Customer\_ID

select \* from Transaction\_ID

EXEC sp\_help Cab\_Data

select

Company

, City

, [KM Travelled]

, [Price Charged]

, [Cost of Trip]

from

Cab\_Data

select

Company

, City

, sum([KM Travelled]) as [KM-Travelled]

, Sum([Price Charged]) as [PriceCharged]

, Sum([Cost of Trip]) as [TripCost]

from

Cab\_Data

group by

Company

, City

--insert into City

--select \* from City1

--insert into [dbo].[Customer\_ID]

--select \* from [dbo].[Customer\_ID1]

select

Company

, City

, sum([KM Travelled]) as [KM-Travelled]

, Sum([Price Charged]) as [PriceCharged]

, Sum([Cost of Trip]) as [TripCost]

from

Cab\_Data

group by

Company

, City

select top 10 \*from Cab\_Data

select \* from City

select \* from Customer\_ID

select top 10 \* from Transaction\_ID

select top 10 \*from Cab\_Data a join Transaction\_ID b

on a.[Transaction ID] = b. [Transaction ID]

create view SalesData

as

select

a.[Transaction ID]

, b.[Customer ID]

, a.[Date of Travel]

, a.[Company]

, a.[City]

, a.[KM Travelled] as [DistanceTravelled]

, a.[Price Charged] as [PriceCharged]

, a.[Cost of Trip] as [TripCost]

, b.[Payment\_Mode] as [PaymentMode]

, c.[Gender],c.[Age],c.[Income (USD Month)] as Income

from Cab\_Data a join Transaction\_ID b

on a.[Transaction ID] = b. [Transaction ID]

join Customer\_ID c

on b.[Customer ID] = c.[Customer ID]

--Gender

select

Company

, City

, Gender

, sum(PriceCharged - TripCost) as Prfit

from SalesData

group by Company, City, Gender

order by Company, City, Gender

select

Company

, City

, Gender

, sum(PriceCharged - TripCost) as Prfit

from SalesData

group by Company, City, Gender

order by Company, City, Gender

-- Income Group

SELECT

CASE

WHEN salary BETWEEN 0 and 5000 THEN 'Group1'

WHEN salary BETWEEN 5001 and 10000 THEN 'Group2'

... and on and on ...

END as PayGroup

FROM

select distinct Income from SalesData

order by 1

SELECT

Company

, City

, CASE

WHEN Income BETWEEN 1000 and 10000 THEN 'Group1'

WHEN Income BETWEEN 11000 and 20000 THEN 'Group2'

WHEN Income BETWEEN 21000 and 30000 THEN 'Group3'

WHEN Income BETWEEN 30000 and 40000 THEN 'Group4'

else

'Unknown'

end as IncomeGroup

into #temp

from SalesData

order by

Company

, City

select

Company

, City

, IncomeGroup

, count(\*) Counts

from #temp

group by

Company

, City

, IncomeGroup

order by

Company

, City

, IncomeGroup