**/\*Query 1 – query used for first insight \*/**

SELECT c.CustomerId,SUM(inl.UnitPrice\*inl.Quantity) total\_spend

FROM Customer c

JOIN Invoice i

ON c.CustomerId=i.CustomerId

JOIN Invoiceline inl

ON inl.Invoiceid = i.InvoiceId

GROUP BY 1

HAVING c.Country='USA'

ORDER BY 2 DESC

LIMIT 10

**/\*Query 2 – query used for second insight \*/**

SELECT ar.ArtistId,ar.name,COUNT(t.Composer) as songs

FROM Artist ar

JOIN Album al

ON ar.ArtistId=al.ArtistId

JOIN Track t

ON t.AlbumId=al.AlbumId

JOIN Genre g

ON g.GenreId=t.GenreId

GROUP BY 1

ORDER BY 3 DESC

LIMIT 10

**/\*Query 3 – query used for third insight \*/**

WITH T1 AS (SELECT a.Name AS artist\_name,SUM(il.Quantity \* il.UnitPrice) AS AmountSpent,c.CustomerId,c.FirstName ||' '|| c.LastName AS customer\_name

FROM Artist a

JOIN Album al

ON a.ArtistId = al.ArtistId

JOIN Track t

ON t.AlbumId = al.AlbumId

JOIN InvoiceLine il

ON t.TrackId = il.Trackid

JOIN Invoice i

ON il.InvoiceId = i.InvoiceId

JOIN Customer c

ON c.CustomerId = i.CustomerId

GROUP BY 1,3),

T2 AS (SELECT a.Name AS artist\_name, SUM(il.Quantity \* il.UnitPrice) AS AmountSpent

FROM Artist a

JOIN Album al

ON a.ArtistId = al.ArtistId

JOIN Track t

ON t.AlbumId = al.AlbumId

JOIN InvoiceLine il

ON t.TrackId = il.Trackid

GROUP BY 1

ORDER BY 2 DESC

LIMIT 1)

SELECT T1.\*

FROM T1

JOIN T2

ON T1.artist\_name = T2.artist\_name

ORDER BY 2 DESC

LIMIT 10;

**/\*Query 4– query used for fourth insight \*/**

SELECT c.Country,COUNT(i.BillingCountry) Invoces

FROM Customer c

JOIN Invoice i

ON i.CustomerId=c.CustomerId

GROUP BY 1

ORDER BY 2 DESC

LIMIT 10