Query – 1 – what are the top 10 highest selling albums?

SELECT A.AlbumId, A.Title, AT.Name, SUM(IL.InvoiceLineId) AS CopiesSold

FROM InvoiceLine IL

JOIN Invoice I

ON IL.InvoiceId = I.InvoiceId

JOIN Track T

ON T.TrackId = IL.TrackId

JOIN Album A

ON T.AlbumId = A.AlbumId

JOIN Artist AT

ON A.ArtistId = AT.ArtistId

GROUP BY I.InvoiceId

ORDER BY SUM(IL.InvoiceLineId) DESC

LIMIT 10;

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Query – 2 – What are top 5 most popular Genre?

SELECT DISTINCT G.Name, sum(DISTINCT IL.InvoiceLineId) CopiesSold

FROM InvoiceLine IL

JOIN Invoice I

ON IL.InvoiceId = I.InvoiceId

JOIN Track T

ON T.TrackId = IL.TrackId

JOIN Genre G

ON T.GenreId = G.GenreId

GROUP BY G.Name

ORDER BY sum(DISTINCT IL.InvoiceLineId) DESC

LIMIT 5;

Query – 3 – which playlist has the most number of tracks?

SELECT PL.PlaylistId, PL.Name, COUNT(PLT.TrackID) AS TotalTracks

FROM Playlist PL

JOIN PlaylistTrack PLT

ON PLT.PlaylistId = PL.PlaylistId

GROUP BY PL.Name

ORDER BY COUNT(PLT.TrackID) DESC;

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Query – 4 – Name the top 5 customers who spend the most on tracks

SELECT I.InvoiceId, I.InvoiceDate AS FirstInvoiceDate, C.CustomerId, C.FirstName, C.LastName, SUM(IL.UnitPrice \* IL.Quantity) TotalSpend

FROM Invoice I

JOIN Customer C

ON I.CustomerId = C.CustomerId

JOIN InvoiceLine IL

ON IL.InvoiceId = I.InvoiceId

GROUP BY C.CustomerId

ORDER BY TotalSpend DESC

LIMIT 5;