**Total sales**

select SUM(il.Quantity\*il.UnitPrice ) as TotalSales from InvoiceLine il

**Sales by customer**

select c.CustomerId,CONCAT(c."FirstName",',',c."LastName") as CustomerName, SUM(il.Quantity\*il.UnitPrice ) as TotalSales from Invoice i

join InvoiceLine il on il.InvoiceId=i.InvoiceId

join Customer c on c.CustomerId=i.CustomerId

GROUP by c.CustomerId,CONCAT(c."FirstName",',',c."LastName") ORDER BY (SUM(il.Quantity\*il.UnitPrice))

**Sales by country ranked**

select ROW\_NUMBER() OVER(ORDER BY (SUM(il.Quantity\*il.UnitPrice))desc) as 'Rank',i.BillingCountry, SUM(il.Quantity\*il.UnitPrice ) as TotalSales

from Invoice i

join InvoiceLine il on il.InvoiceId=i.InvoiceId

join Customer c on c.CustomerId=i.CustomerId

GROUP by i.BillingCountry

**Sales by country state and city**

select c.Country,c.State,c.City, SUM(il.Quantity\*il.UnitPrice ) as TotalSales

from Invoice i

join InvoiceLine il on il.InvoiceId=i.InvoiceId

join Customer c on c.CustomerId=i.CustomerId

GROUP by c.Country,c.State,c.City ORDER BY (SUM(il.Quantity\*il.UnitPrice)) desc

**Sales by artist ranked**

select ROW\_NUMBER() OVER(ORDER BY (SUM(il.Quantity\*il.UnitPrice))desc) as 'rank',at.Name as NAME, SUM(il.Quantity\*il.UnitPrice ) as TotalSales

from InvoiceLine il

join Track t on il.TrackId=t.TrackId

join album a on a.AlbumId=t.AlbumId

join artist at on a.ArtistId=at.ArtistId

GROUP by at.Name

**Sales by album**

select a.Title as Album, SUM(il.Quantity\*il.UnitPrice ) as TotalSales

from InvoiceLine il

join Track t on il.TrackId=t.TrackId

join album a on a.AlbumId=t.AlbumId

GROUP by a.Title ORDER BY (SUM(il.Quantity\*il.UnitPrice)) DESC

**Sales by sales person employee**

select CONCAT(e.FirstName,',',e.LastName) as NAME, SUM(il.Quantity\*il.UnitPrice ) as TotalSales

from Invoice i

join InvoiceLine il on il.InvoiceId=i.InvoiceId

join Customer c on c.CustomerId=i.CustomerId

join Employee e on e.EmployeeId=c.SupportRepId

GROUP by e.FirstName,e.LastName ORDER BY (SUM(il.Quantity\*il.UnitPrice))desc

**Sales by media type**

select m.Name as MediaType, SUM(il.Quantity\*il.UnitPrice ) as TotalRevenue, COUNT(t.TrackId) as TotalTracksBought

from InvoiceLine il

join Track t on il.TrackId=t.TrackId

join MediaType m on m.MediaTypeId=t.MediaTypeId

GROUP by m.Name ORDER BY (SUM(il.Quantity\*il.UnitPrice)) DESC

**Sales by customer ranked**

select ROW\_NUMBER() OVER(ORDER BY (SUM(il.Quantity\*il.UnitPrice))desc) as 'Rank',c.CustomerId ,CONCAT(c.FirstName,',',LastName) as NAME, SUM(il.Quantity\*il.UnitPrice ) as TotalSales

from Invoice i

join InvoiceLine il on il.InvoiceId=i.InvoiceId

join Customer c on c.CustomerId=i.CustomerId

GROUP by c.FirstName,c.LastName,c.CustomerId

**Sales by genre**

select g.Name as NAME, SUM(il.Quantity\*il.UnitPrice ) as TotalRevenue

from InvoiceLine il

join Track t on il.TrackId=t.TrackId

join genre g on g.GenreId=t.GenreId

GROUP by g.Name ORDER BY (SUM(il.Quantity\*il.UnitPrice)) DESC