SQL Queries for Business Analytics Nanodegree : Project 3 – Chinook Database

Query # 1: Invoices Per Country

```
SELECT Customer.Country, COUNT(Invoice.InvoiceId) AS Number_Of_Invoice
FROM Invoice
JOIN Customer ON Invoice.CustomerID = Customer.CustomerID
GROUP BY Country
order BY Number_Of_Invoice DESC;
```

Query # 2 : The Annual Revenue

```
SELECT strftime('%Y', InvoiceDate) as year,  SUM(InvoiceLine.UnitPrice) as Revenue
FROM Invoice
join InvoiceLine
On Invoice.InvoiceId = InvoiceLine.InvoiceId
GROUP BY 1
ORDER BY 2 DESC;
```

Query # 3: Revenue Per Artist

```
SELECT Artist.Name, SUM(InvoiceLine.UnitPrice) as SUM_OF_Unit_Price
from InvoiceLine
JOIN Track ON Track.TrackId = InvoiceLine.TrackId
JOIN Album ON Album.AlbumId = Track.AlbumId
JOIN Artist ON Artist.ArtistId = Album.ArtistId
GROUP BY Artist.Name
ORDER BY SUM_OF_Unit_Price desc
limit 10;
```

Query # 4 :TOP 10 Genres

```
SELECT Genre.Name as Genre, sum(InvoiceLine.UnitPrice) as Revenue
FROM Genre
JOIN Track
ON Track.GenreId = Genre.GenreId
join InvoiceLine
ON InvoiceLine.TrackId = Track.TrackId
group by Genre.Name
order by Revenue desc
limit 10;
```