



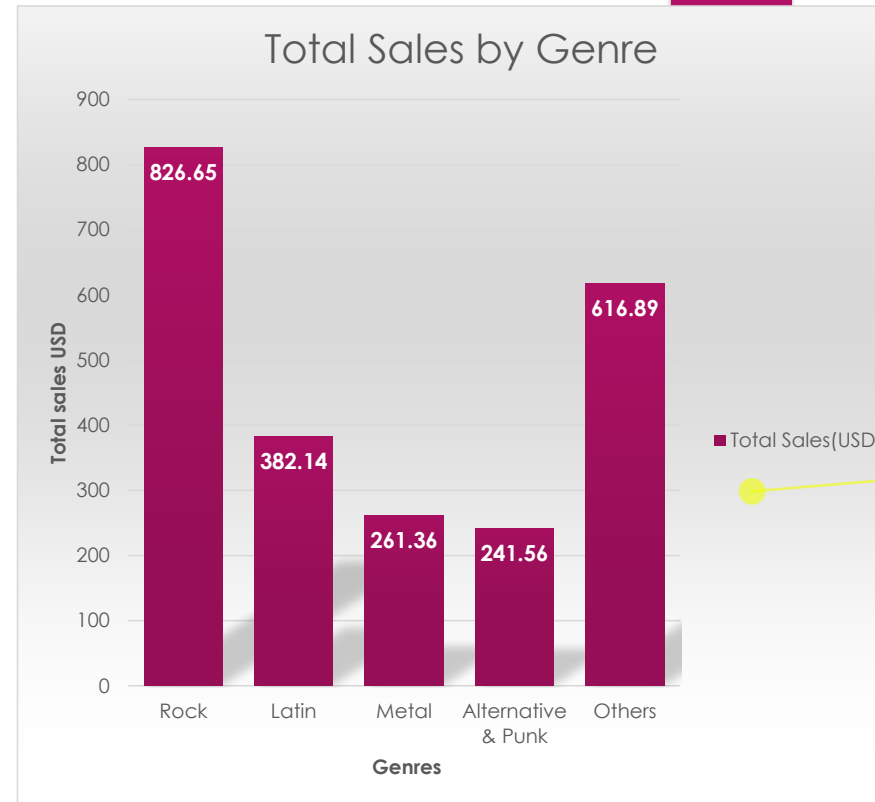
# CHINOOK DATABASE ANALYSIS USING SQL

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**Question 1:** What is the highest selling genre in the Chinook database?

From the given Chinook Database,  
The highest selling genre is Rock with  
826.65 USD.

```
SELECT
  Genre.Name,
  (InvoiceLine.UnitPrice *
  SUM(InvoiceLine.Quantity)) AS
  TotalUSD
FROM Genre
JOIN Track
  ON Genre.GenreId =
  Track.GenreId
JOIN InvoiceLine
  ON InvoiceLine.TrackId =
  Track.TrackId
GROUP BY Genre.Name
ORDER BY TotalUSD DESC;
```

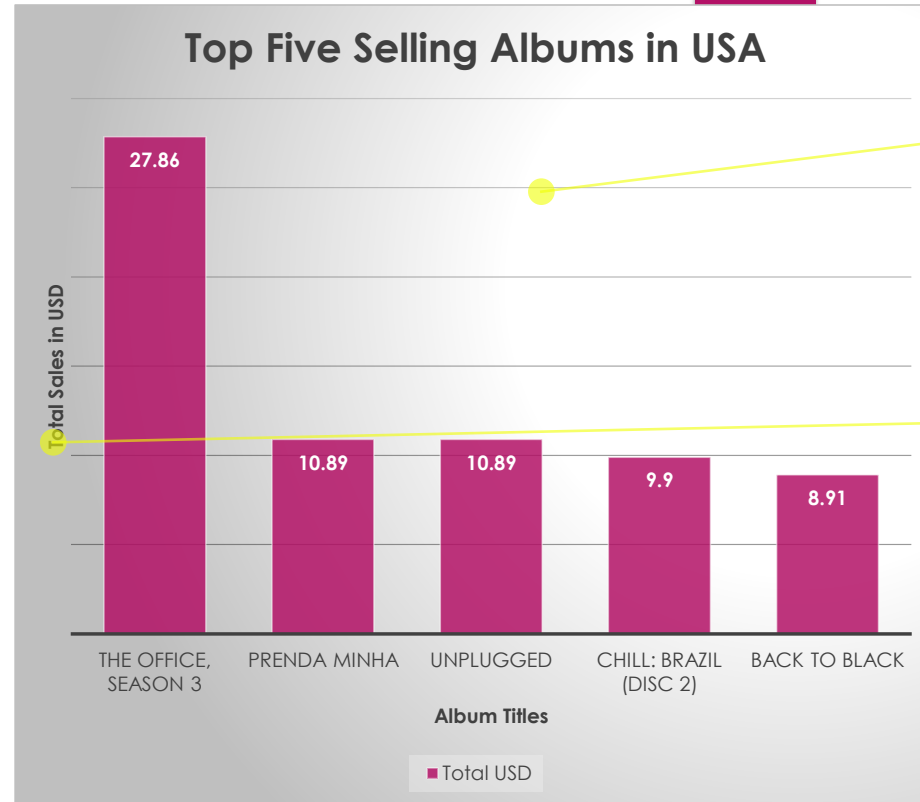


: The legend here is not necessary.

## Question 2: What are the top five selling albums in the USA?

From the given Chinook database, the top five selling albums in USA are: The Office, Season 3, Prenda Minha, Unplugged, Chill: Brazil (Disc 2) and Back to Black.

```
SELECT
  Album.Title,
  (InvoiceLine.UnitPrice *
  SUM(InvoiceLine.Quantity)) AS TotalUSD
FROM Album
JOIN Track
  ON Album.AlbumId = Track.AlbumId
JOIN InvoiceLine
  ON Track.TrackId = InvoiceLine.TrackId
JOIN Invoice
  ON InvoiceLine.InvoiceId =
  Invoice.InvoiceId
WHERE Invoice.BillingCountry = 'USA'
GROUP BY Album.Title
ORDER BY TotalUSD DESC
LIMIT 5;
```



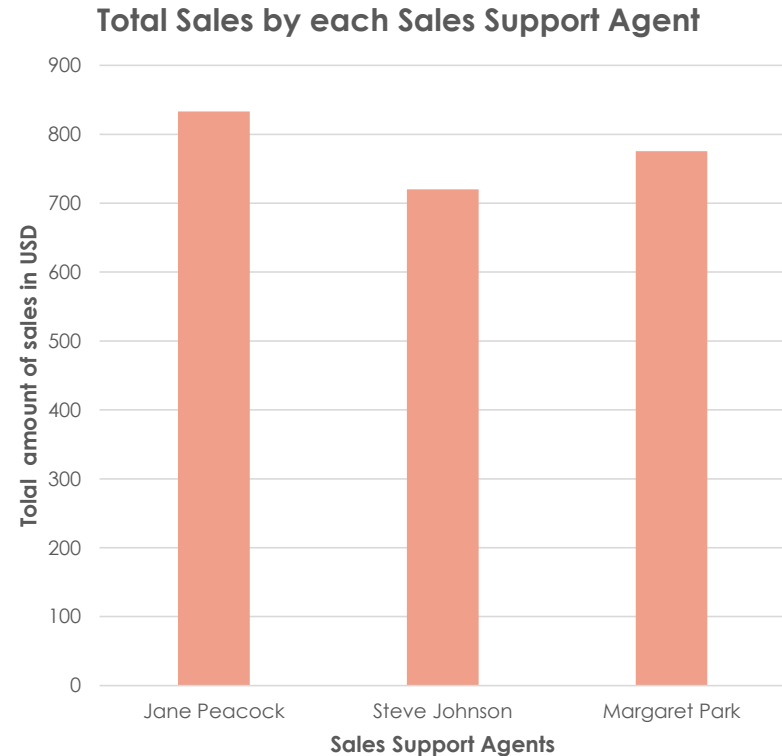
: The data here is accurate, however, please note that these are not full album sales. Just the sales of tracks that belong to these albums.

: The axis labels are missing here :(

### Question 3: Which sales support agent has the most sales?

From the given Chinook database, the employee with the highest amount of sales is Jane Peacock.

```
SELECT
  Employee.FirstName,
  Employee.LastName,
  Employee.Title,
  SUM(Invoice.Total) AS
  EmployeeSalesTotal
FROM Employee
JOIN Customer
  ON Employee.EmployeeId =
  Customer.SupportRepId
JOIN Invoice
  ON Customer.CustomerId =
  Invoice.CustomerId
GROUP BY Employee.LastName
ORDER BY Invoice.Total;
```



## Question 4: What's the most popular media type on the Chinook database?

From the given Chinook database, the most popular media file purchased by customers is the MPEG audio file. 88% of customers purchased this format.

```
SELECT
  MediaType.Name,
  Track.UnitPrice,
  InvoiceLine.Quantity,
  COUNT(MediaType.Name) AS
  TotalName
FROM MediaType
JOIN Track
  ON MediaType.MediaTypeId =
  Track.MediaTypeId
JOIN InvoiceLine
  ON Track.TrackId =
  invoiceLine.TrackId
GROUP BY MediaType.Name
ORDER BY TotalName DESC;
```

### Types of Media Files Purchased

