

## Question 1 - What album had the highest number of sales in America?

```
SELECT a.title album,
       SUM(i.UnitPrice*i.Quantity)
FROM Album a
JOIN track t
ON a.albumid = t.albumid
JOIN Invoiceline i
ON i.Invoicelineid = t.trackid
JOIN invoice
ON invoice.invoiceid = i.invoiceid
JOIN customer c
ON c.customerid = invoice.customerid
GROUP BY 1
HAVING c.country = 'USA'
ORDER BY 2 DESC
LIMIT 10
```

## Question 2 - In what state was the Rock genre listened to the most

```
SELECT c.state state,
       g.name genre,
       c.country country,
       COUNT(*) AS numb_times
FROM customer c
JOIN invoice
ON c.customerid = invoice.customerid
JOIN InvoiceLine i
ON i.invoiceid = invoice.invoiceid
JOIN track t
ON t.trackid = i.TrackId
JOIN genre g
ON g.genreid = t.genreid
WHERE c.state IS NOT NULL AND g.name = 'Rock'
GROUP BY 1,2
ORDER BY numb_times DESC
LIMIT 10
```

## Question 3 - What media type did customers use the most in listening to songs

```
SELECT m.name medianame,  
COUNT(*) as numb_of_times  
FROM MediaType m  
JOIN track t  
ON t.MediaTypeId = m.mediatypeid  
JOIN genre g  
ON g.GenreId = t.GenreId  
GROUP BY 1  
ORDER BY numb_of_times DESC
```

## **Question 4 - What track has the highest number of sales in USA**

```
SELECT t.name track,  
       c.Country Country,  
       SUM(I.quantity*i.UnitPrice)  
FROM track t  
JOIN InvoiceLine i  
ON t.trackid = i.TrackId  
JOIN Invoice  
ON Invoice.InvoiceId = i.InvoiceId  
JOIN Customer c  
ON c.CustomerId = Invoice.CustomerId  
WHERE country = 'USA'  
GROUP BY 1,2  
ORDER BY 3 DESC  
LIMIT 10
```