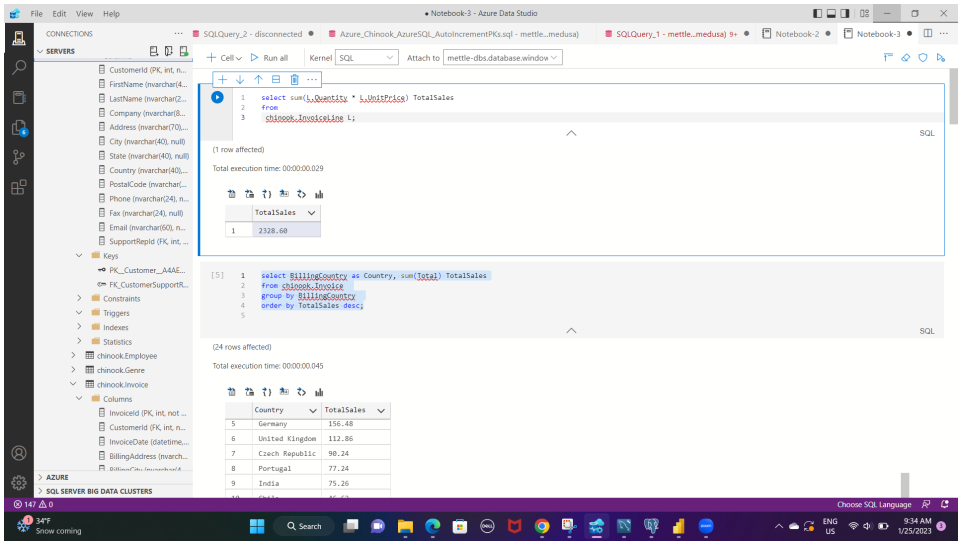
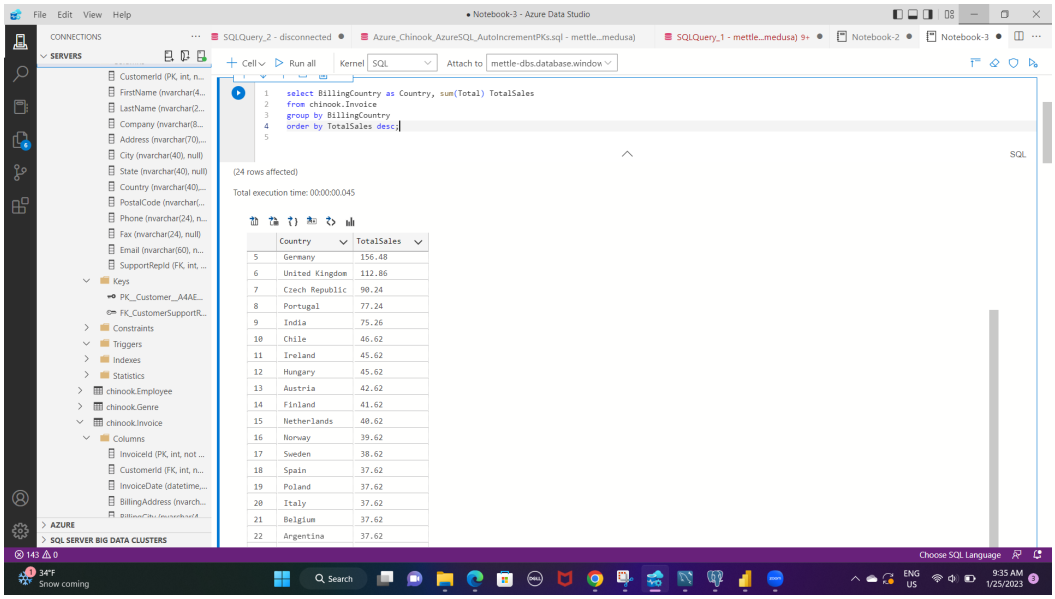
1.Total Sales

```
select sum(L.Quantity * L.UnitPrice) TotalSales
From chinook.InvoiceLine L;
```



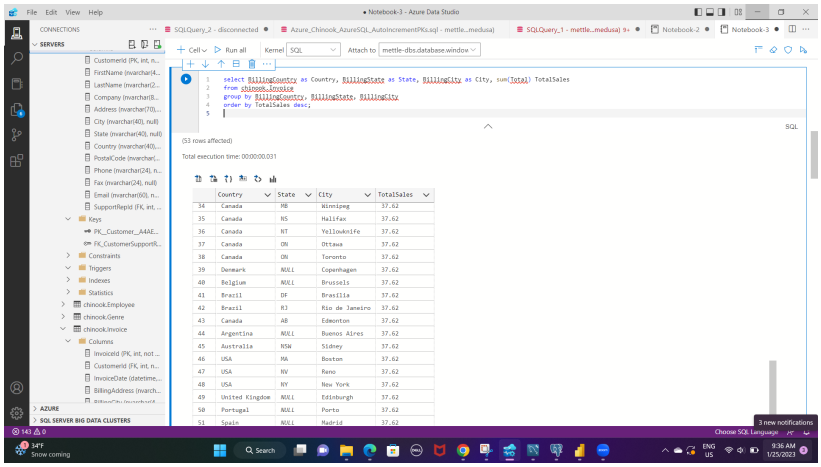
2.Total sales by country –ranked

```
select BillingCountry as Country, sum(Total) TotalSales
from chinook.Invoice
group by BillingCountry
order by TotalSales desc;
```



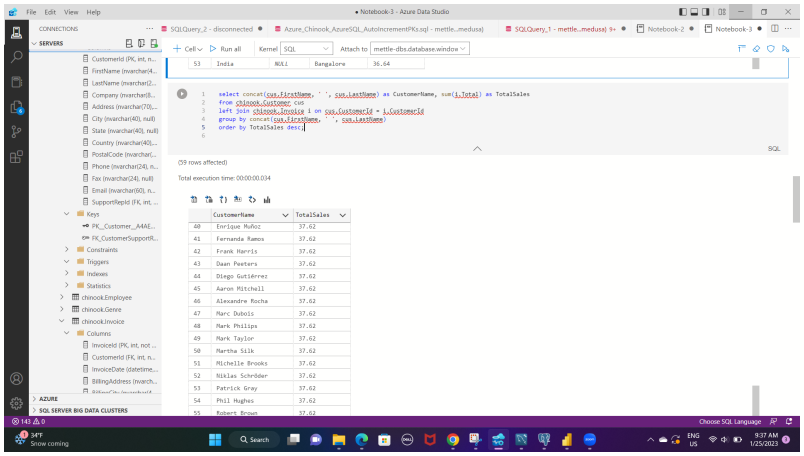
3.Total sales by country, state & city

```
select BillingCountry as Country, BillingState as State, BillingCity as City, sum(Total) TotalSales
from chinook.Invoice
group by BillingState,BillingCountry, BillingCity
order by TotalSales desc;
```



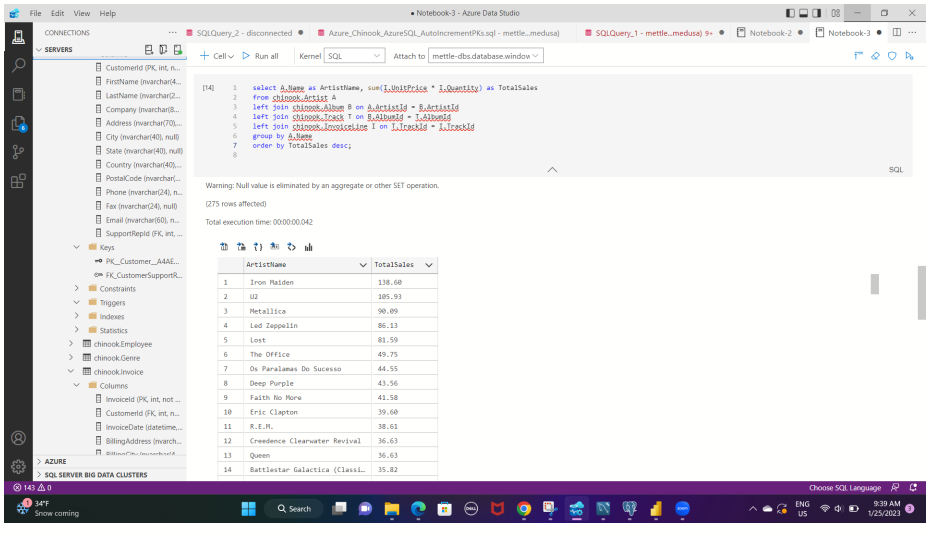
4. Total sales by customer –ranked

```
select concat(cus.FirstName, ' ', cus.LastName) as CustomerName, sum(i.Total) as TotalSales
from chinook.Customer cus
left join chinook.Invoice i on cus.CustomerId = i.CustomerId
group by concat(cus.FirstName, ' ', cus.LastName)
order by TotalSales desc;
```



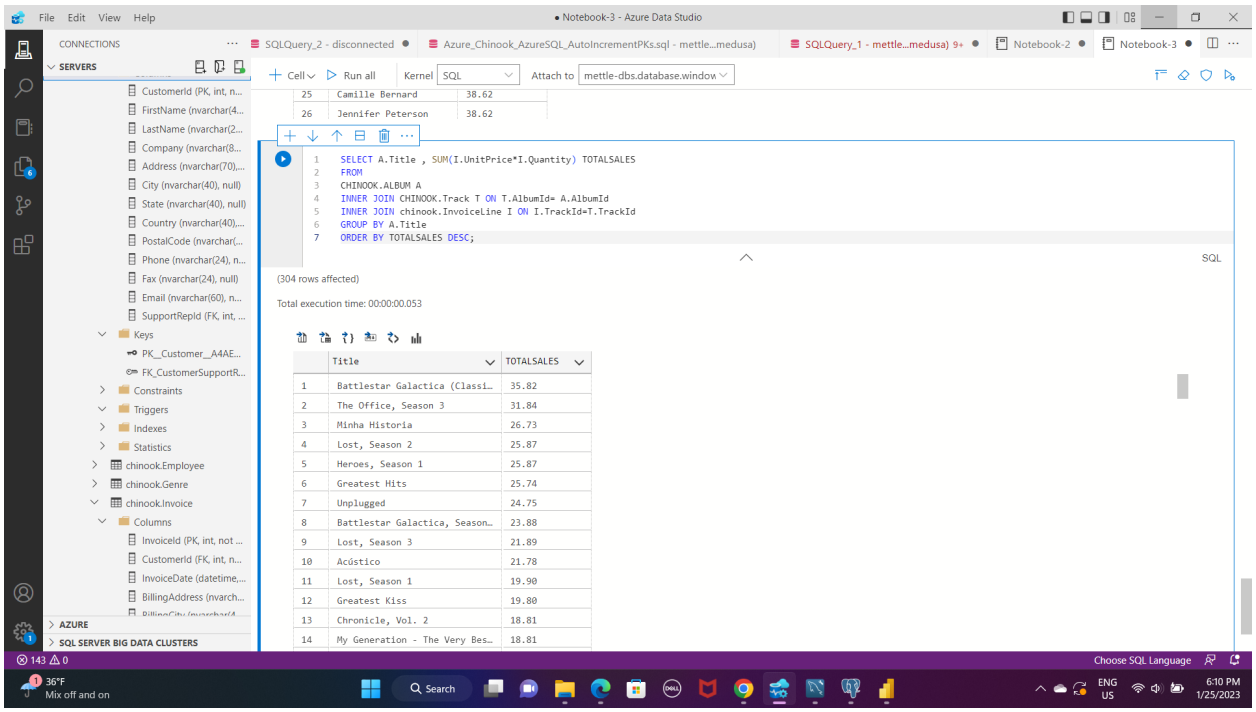
5.Total sales by artist –ranked

```
select A.Name as ArtistName, sum(I.UnitPrice * I.Quantity) as TotalSales
from chinook.Artist A
left join chinook.Album B on A.ArtistId = B.ArtistId
left join chinook.Track T on B.AlbumId = T.AlbumId
left join chinook.InvoiceLine I on T.TrackId = I.TrackId
group by A.Name
order by TotalSales desc;
```



6.Total sales by Album

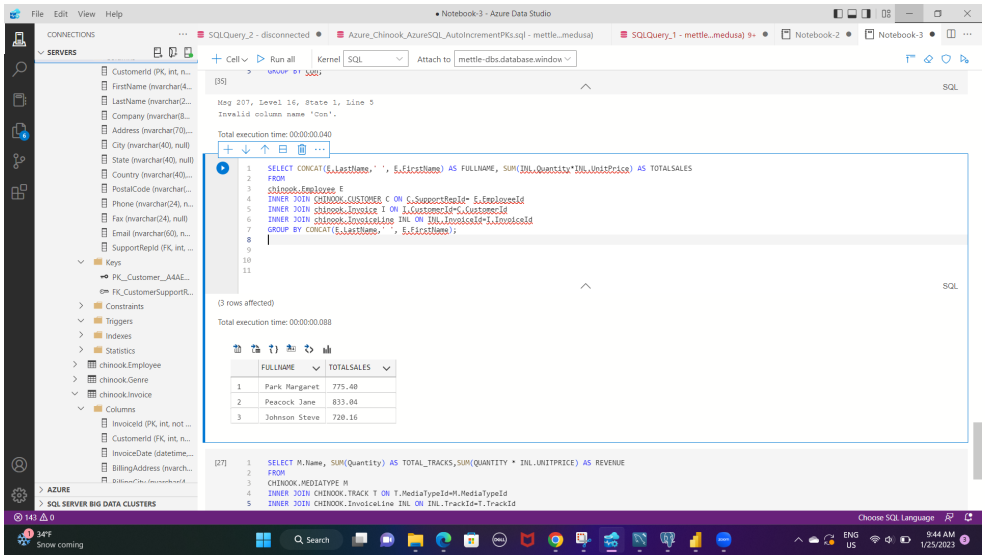
```
SELECT A.Title , SUM(I.UnitPrice*I.Quantity) TOTALSALES
FROM CHINOOK.ALBUM A
INNER JOIN CHINOOK.Track T ON T.AlbumId= A.AlbumId
INNER JOIN chinook.InvoiceLine I ON I.TrackId=T.TrackId
GROUP BY A.Title
ORDER BY TOTALSALES DESC;
```



	Title	TOTALSALES
1	Battlestar Galactica (Classi…	35.82
2	The Office, Season 3	31.84
3	Minha Historia	26.73
4	Lost, Season 2	25.87
5	Heroes, Season 1	25.87
6	Greatest Hits	25.74
7	Unplugged	24.75
8	Battlestar Galactica, Season…	23.88
9	Lost, Season 3	21.89
10	Acústico	21.78
11	Lost, Season 1	19.90
12	Greatest Kiss	19.80
13	Chronicle, Vol. 2	18.81
14	My Generation - The Very Bes…	18.81

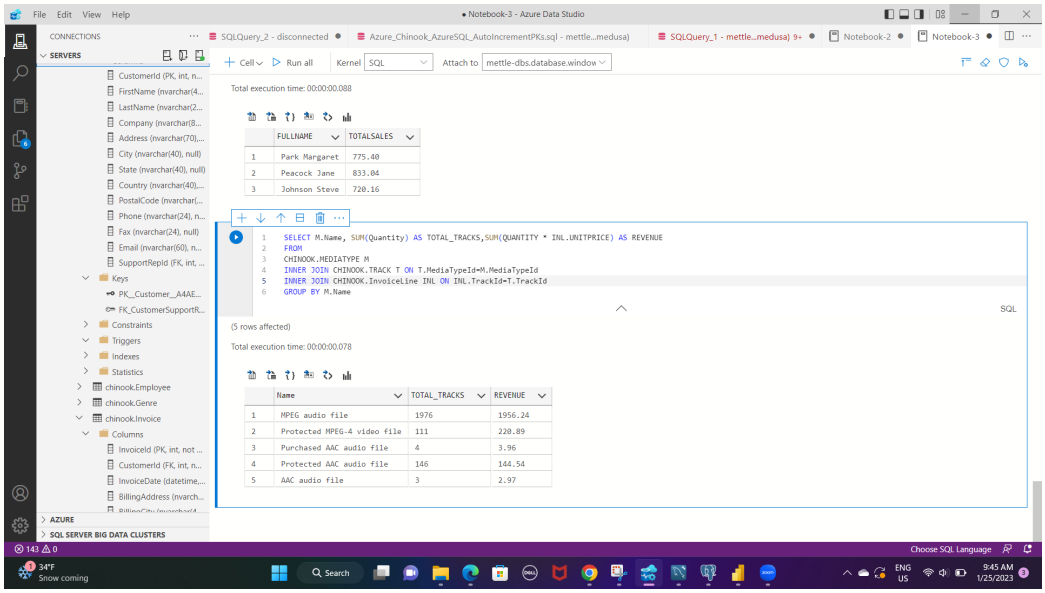
7. Total sales by Salesperson

```
SELECT CONCAT(E.LastName,' ', E.FirstName) AS FULLNAME, SUM(INL.Quantity*INL.UnitPrice) AS TOTALSALES
FROM chinook.Employee E
INNER JOIN CHINOOK.CUSTOMER C ON C.SupportRepId= E.EmployeeId
INNER JOIN chinook.Invoice I ON I.CustomerId=C.CustomerId
INNER JOIN chinook.InvoiceLine INL ON INL.InvoiceId=I.InvoiceId
GROUP BY CONCAT(E.LastName,' ', E.FirstName);
```



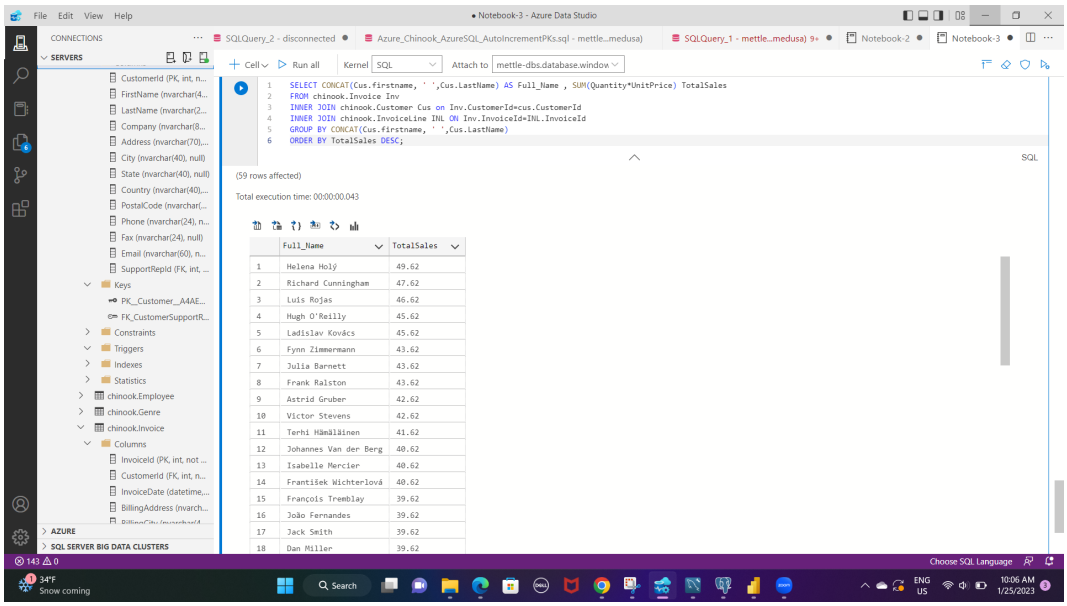
8. Total tracks bought and total revenue by media type.

```
SELECT M.Name, SUM(Quantity) AS TOTAL_TRACKS,SUM(QUANTITY * I.UNITPRICE) AS REVENUE
FROM CHINOOK.MEDIATYPE M
INNER JOIN CHINOOK.TRACK T ON T.MediaTypeId=M.MediaTypeId
INNER JOIN CHINOOK.InvoiceLine I ON I.TrackId=T.TrackId
GROUP BY M.Name;
```



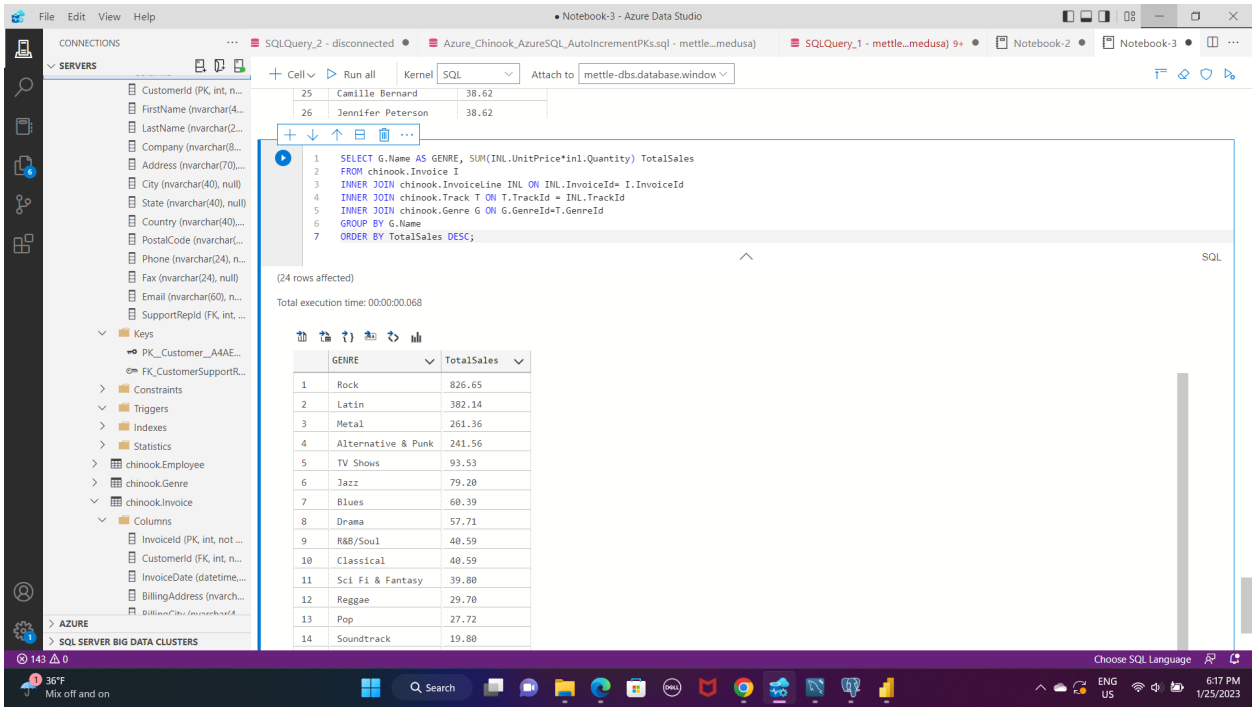
9.Total sales by customers.

```
SELECT CONCAT(Cus.firstname, ' ',Cus.LastName) AS Full_Name , SUM(Quantity*UnitPrice) TotalSales
FROM chinook.Invoice Inv
INNER JOIN chinook.Customer Cus on Inv.CustomerId=cus.CustomerId
INNER JOIN chinook.InvoiceLine INL ON Inv.InvoiceId=INL.InvoiceId
GROUP BY CONCAT(Cus.firstname, ' ',Cus.LastName)
ORDER BY TotalSales DESC;
```



10. Total sales by Genre.

```
SELECT G.Name AS GENRE, SUM(INL.UnitPrice*inl.Quantity) TotalSales
FROM chinook.Invoice I
INNER JOIN chinook.InvoiceLine INL ON INL.InvoiceId= I.InvoiceId
INNER JOIN chinook.Track T ON T.TrackId = INL.TrackId
INNER JOIN chinook.Genre G ON G.GenreId=T.GenreId
GROUP BY G.Name
ORDER BY TotalSales DESC;
```


File Edit View Help
• Notebook-3 - Azure Data Studio
CONNECTIONS
SERVERS
SQLQuery_2 - disconnected
Azure_Chinook_AzureSQL_AutoIncrementPKs.sql - mettle...medusa)
SQLQuery_1 - mettle...medusa) 9+
Notebook-2
Notebook-3
Cell
Run all
Kernel SQL
Attach to mettle-dbs.database.window
25 Camille Bernard 38.62
26 Jennifer Peterson 38.62
1 SELECT G.Name AS GENRE, SUM(INL.UnitPrice*inl.Quantity) TotalSales
2 FROM chinook.Invoice I
3 INNER JOIN chinook.InvoiceLine INL ON INL.InvoiceId= I.InvoiceId
4 INNER JOIN chinook.Track T ON T.TrackId = INL.TrackId
5 INNER JOIN chinook.Genre G ON G.GenreId=T.GenreId
6 GROUP BY G.Name
7 ORDER BY TotalSales DESC;
SQL
(24 rows affected)
Total execution time: 00:00:00.068
GENRE TotalSales
1 Rock 826.65
2 Latin 382.14
3 Metal 261.36
4 Alternative & Punk 241.56
5 TV Shows 93.53
6 Jazz 79.20
7 Blues 60.39
8 Drama 57.71
9 R&B/Soul 40.59
10 Classical 40.59
11 Sci Fi & Fantasy 39.80
12 Reggae 29.70
13 Pop 27.72
14 Soundtrack 19.80
Choose SQL Language
36°F Mix off and on
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ENG US
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