

1.

Azure SQL-

```
select top 20 concat(LastName, ' ', FirstName) as FullName, sum(i.Total)
from chinook.[Customer] cus
inner join chinook.[Invoice] i on cus.CustomerId = i.CustomerId
group by concat(LastName, ' ', FirstName)
order by sum(i.Total) DESC;
```

The screenshot displays the Azure Data Studio interface. On the left, the 'Servers' pane shows a connection to 'Azure_Chinook_AzureSQL_AutonomousPaaS - datab...server'. The 'Query Explorer' pane on the left shows the 'chinook' database structure, including tables like 'Album', 'Artist', 'Customer', 'Employee', 'Genre', and 'Invoice'. The 'Columns' pane shows the 'TrackId' and 'Name' columns of the 'Track' table. The 'Query' pane in the center contains the following SQL query:

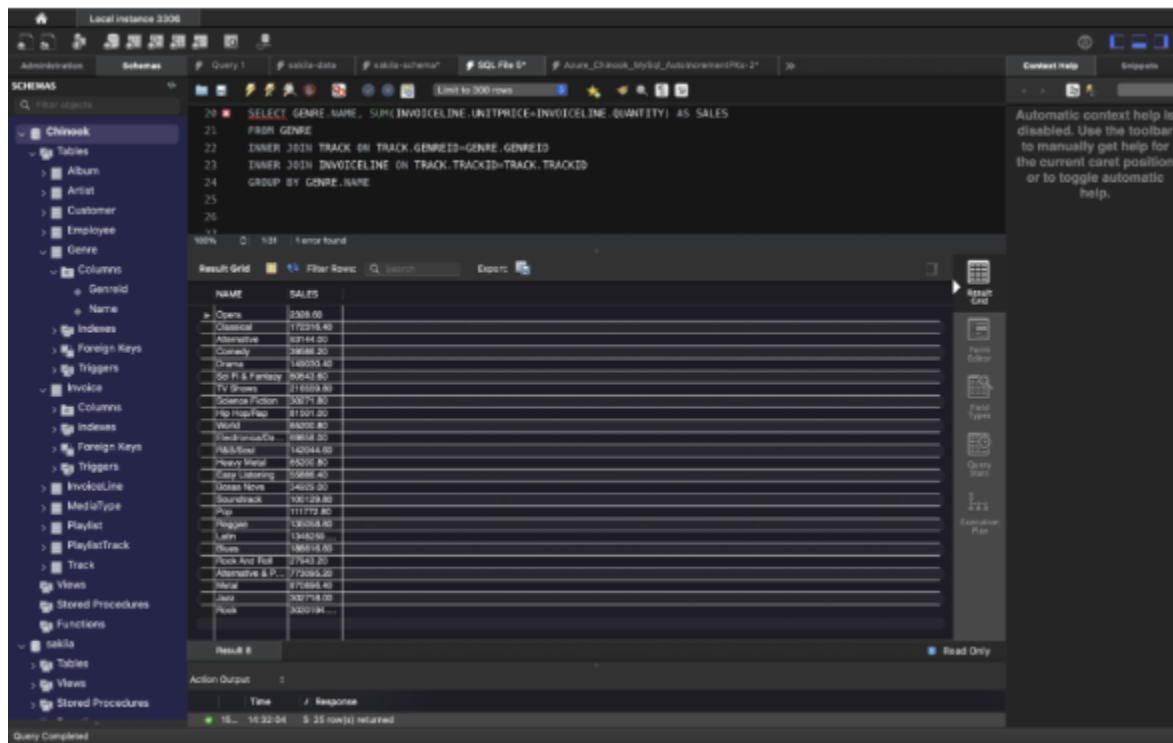
```
select top 20 concat(LastName, ' ', FirstName) as FullName, sum(i.Total)
from chinook.[Customer] cus
inner join chinook.[Invoice] i on cus.CustomerId = i.CustomerId
group by concat(LastName, ' ', FirstName)
order by sum(i.Total) DESC;
```

The 'Results' pane on the right shows the output of the query, displaying a table with two columns: 'FullName' and 'Total'. The results are ordered by 'Total' in descending order, showing the top 20 customers.

FullName	Total
Hilf Hejona	89.62
Cunningham Richard	87.62
Rojas Luis	86.62
Rovics Ladislav	85.62
O'Reilly Hugh	85.62
Barnett Julia	83.62
Halston Frank	83.62
Zimmermann Fynn	83.62
Gruber Astrid	82.62
Stevens Victor	82.62
Hämäläinen Terhi	81.62
Mercier Isabelle	80.62
Van der Berg Johannes	80.62
Wichterlová František	80.62
Hansen Bjørn	79.62
Fernandes João	79.62
Gonçalves Luis	79.62
Girard Wyatt	79.62
Leacock Heather	79.62
Miller Ben	79.62

2. Azure Database for MySQL-

```
SELECT GENRE.NAME, SUM(INVOICELINE.UNITPRICE*INVOICELINE.QUANTITY) AS SALES
FROM GENRE
INNER JOIN TRACK ON TRACK.GENREID=GENRE.GENREID
INNER JOIN INVOICELINE ON TRACK.TRACKID=TRACK.TRACKID
GROUP BY GENRE.NAME;
```



The screenshot shows the Azure Data Studio interface with a MySQL database. The query editor displays the following SQL query:

```
20 SELECT GENRE.NAME, SUM(INVOICELINE.UNITPRICE*INVOICELINE.QUANTITY) AS SALES
21 FROM GENRE
22 INNER JOIN TRACK ON TRACK.GENREID=GENRE.GENREID
23 INNER JOIN INVOICELINE ON TRACK.TRACKID=TRACK.TRACKID
24 GROUP BY GENRE.NAME
25
26
```

The results are displayed in a table with two columns: NAME and SALES. The data is as follows:

NAME	SALES
Open	2308.00
Classical	172216.40
Alternative	82744.80
Country	2048.00
Drama	148253.60
Soft R. & Fantasy	80643.80
TV Shows	216859.80
Science Fiction	23071.80
Pop/Rock	81508.00
World	86200.80
Rock/Alternative	20818.20
Rock/Roll	142044.80
Heavy Metal	8508.80
Classical/Instrumental	10888.40
Classical New	14025.20
Soundtrack	130129.80
Pop	111772.80
Reggae	13608.80
Latin	13482.60
Classical	138414.80
Rock And Roll	27942.20
Alternative & P.	172216.40
Metal	127088.40
Jazz	202718.00
Punk	820718.40

3. Azure Database for PostgreSQL-

```
SELECT al."Title", sum(iv."UnitPrice"*iv."Quantity") AS SALES
FROM "Album" al
left join public."Track" tr ON (al."AlbumId" = tr."AlbumId")
left join public."InvoiceLine" iv ON (iv."TrackId" = tr."TrackId")
GROUP BY al."Title"
HAVING sum(iv."UnitPrice"*iv."Quantity") IS NOT NULL
ORDER BY sum(iv."UnitPrice"*iv."Quantity") DESC
LIMIT 10;
```

Admin File Object Tools Help

Browser Servers (1) PostgreSQL 14 Databases (5) chinook

chinook/postgres@PostgreSQL 14

Query Query History Scratch Pad

```
17
18
19 SELECT alb."Title", sum(iv."UnitPrice"*iv."Quantity") AS SALES
20 FROM "Album" alb
21 left join public."Track" trk ON (alb."AlbumId" = trk."AlbumId")
22 left join public."InvoiceLine" iv ON (iv."TrackId" = trk."TrackId")
23 GROUP BY alb."Title"
24 HAVING sum(iv."UnitPrice"*iv."Quantity") IS NOT NULL
25 ORDER BY sum(iv."UnitPrice"*iv."Quantity") DESC
26 LIMIT 10
27
28
```

Data Output Messages Notifications

	Title (character varying (140))	sales numeric
1	Batman Returns (Classic), Season 1	35.82
2	The Office, Season 3	31.84
3	Minha História	26.73
4	Lost, Season 2	25.87
5	Heroes, Season 1	25.87
6	Greatest Hits	25.74
7	Unknagged	24.75
8	Batman Returns, Season 3	23.88
9	Lost, Season 3	21.89
10	Acoustic	21.78

Total rows: 10 of 10 Query complete 00:00:00.054 1x 10 Col 1