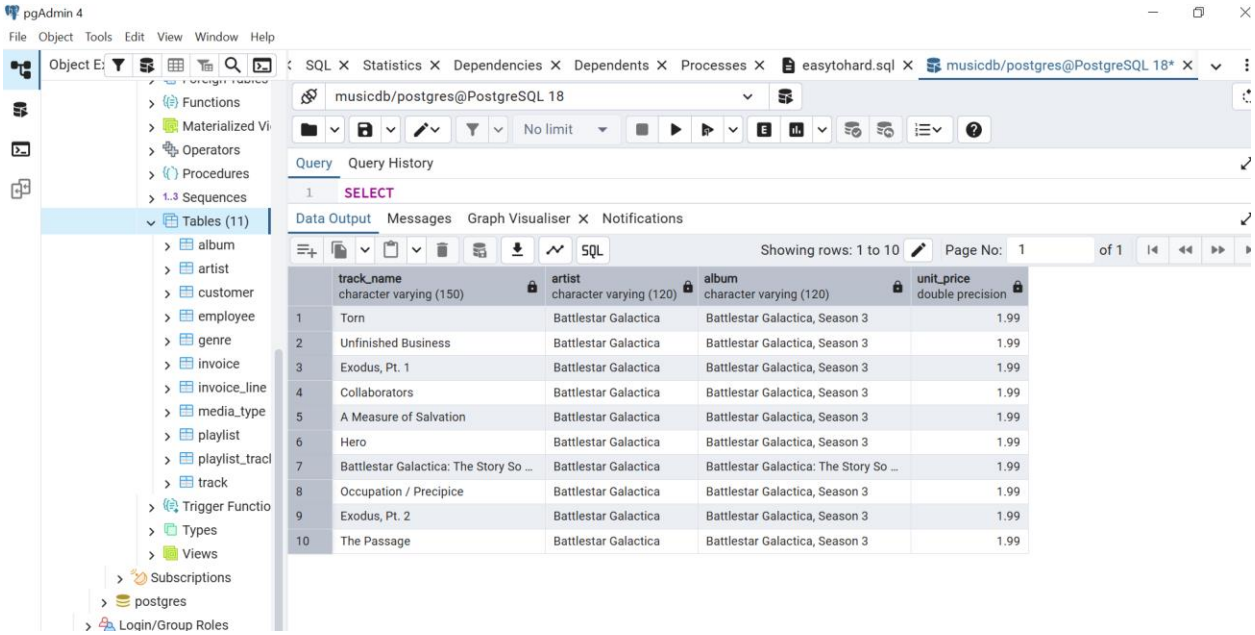
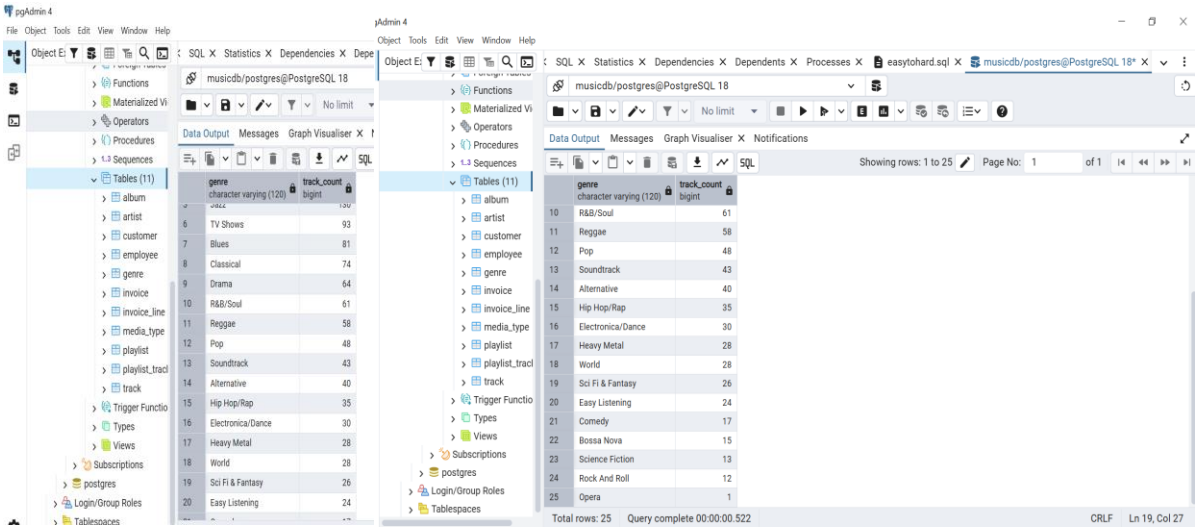
EASY

1. Top 10 most expensive tracks.



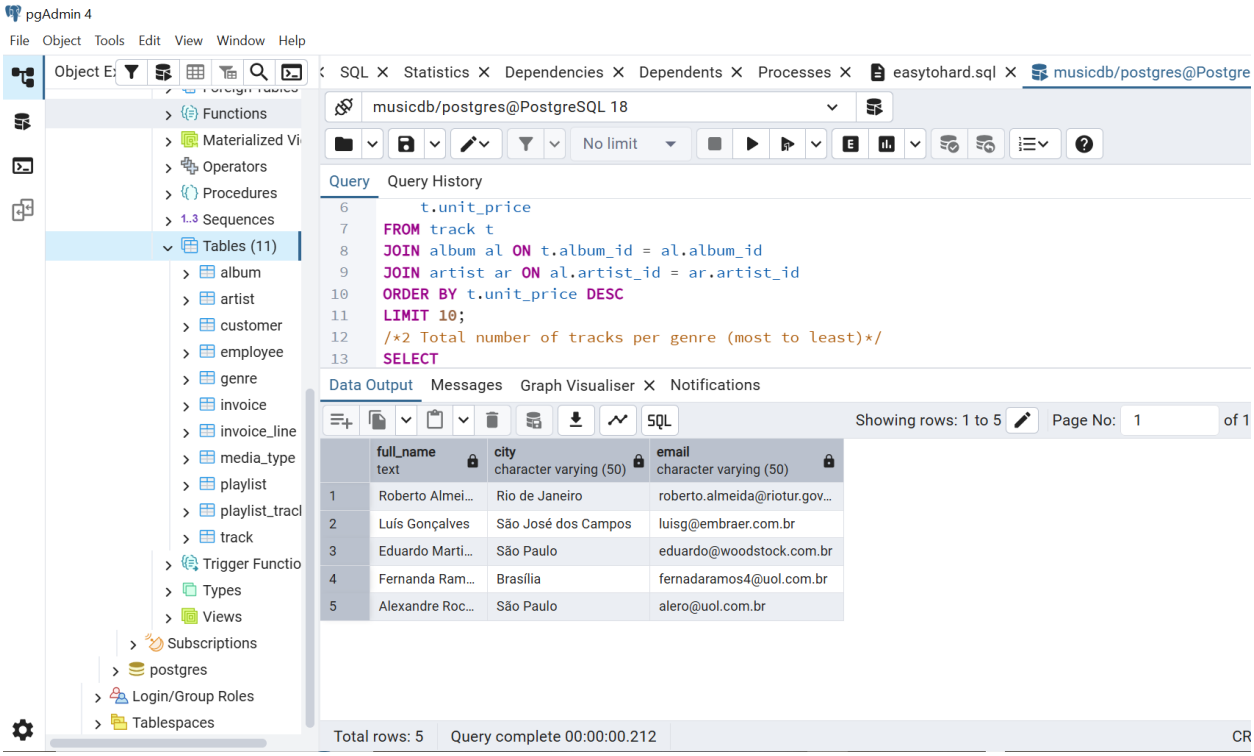
	track_name character varying (150)	artist character varying (120)	album character varying (120)	unit_price double precision
1	Torn	Battlestar Galactica	Battlestar Galactica, Season 3	1.99
2	Unfinished Business	Battlestar Galactica	Battlestar Galactica, Season 3	1.99
3	Exodus, Pt. 1	Battlestar Galactica	Battlestar Galactica, Season 3	1.99
4	Collaborators	Battlestar Galactica	Battlestar Galactica, Season 3	1.99
5	A Measure of Salvation	Battlestar Galactica	Battlestar Galactica, Season 3	1.99
6	Hero	Battlestar Galactica	Battlestar Galactica, Season 3	1.99
7	Battlestar Galactica: The Story So ...	Battlestar Galactica	Battlestar Galactica: The Story So ...	1.99
8	Occupation / Precipice	Battlestar Galactica	Battlestar Galactica, Season 3	1.99
9	Exodus, Pt. 2	Battlestar Galactica	Battlestar Galactica, Season 3	1.99
10	The Passage	Battlestar Galactica	Battlestar Galactica, Season 3	1.99

2. Tracks per genre

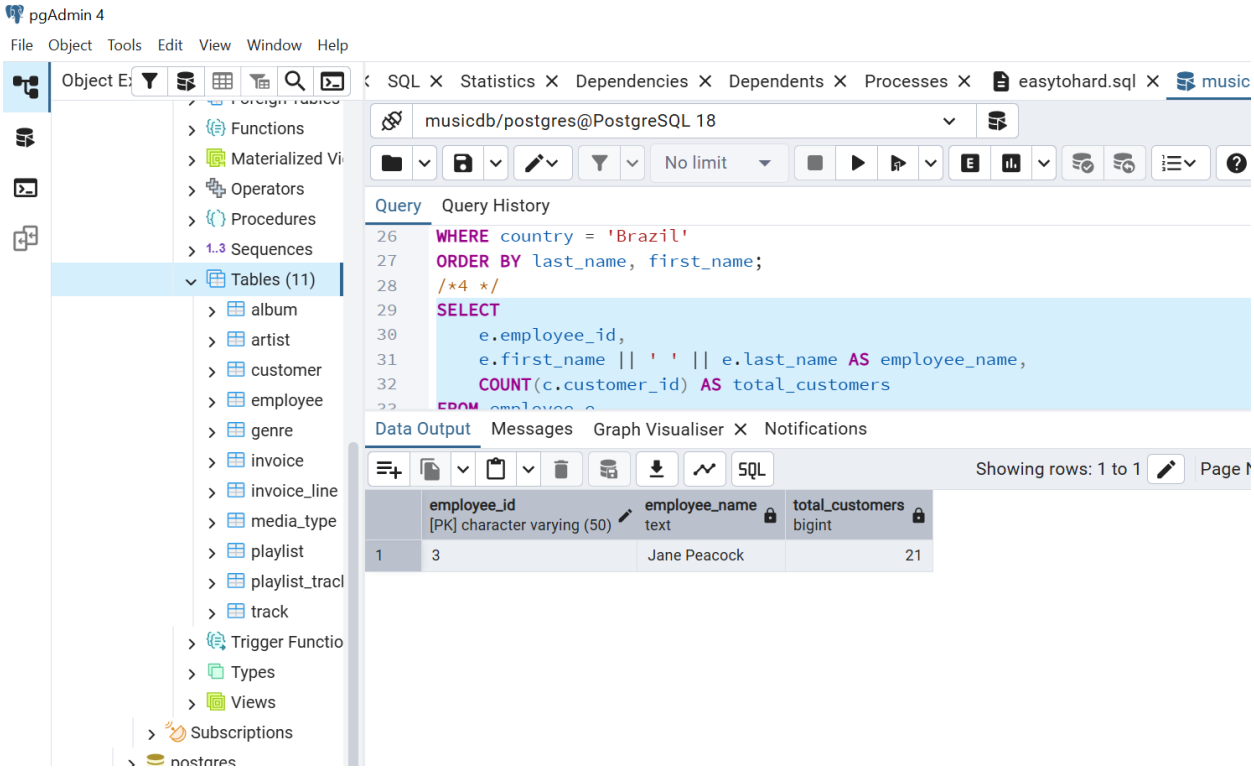


	genre character varying (120)	track_count bigint
10	R&B/Soul	61
11	Reggae	58
12	Pop	48
13	Soundtrack	43
14	Alternative	40
15	Hip Hop/Rap	35
16	Electronica/Dance	30
17	Heavy Metal	28
18	World	28
19	Sci Fi & Fantasy	26
20	Easy Listening	24
21	Comedy	17
22	Bossa Nova	15
23	Science Fiction	13
24	Rock And Roll	12
25	Opera	1

3. Customers from Brazil

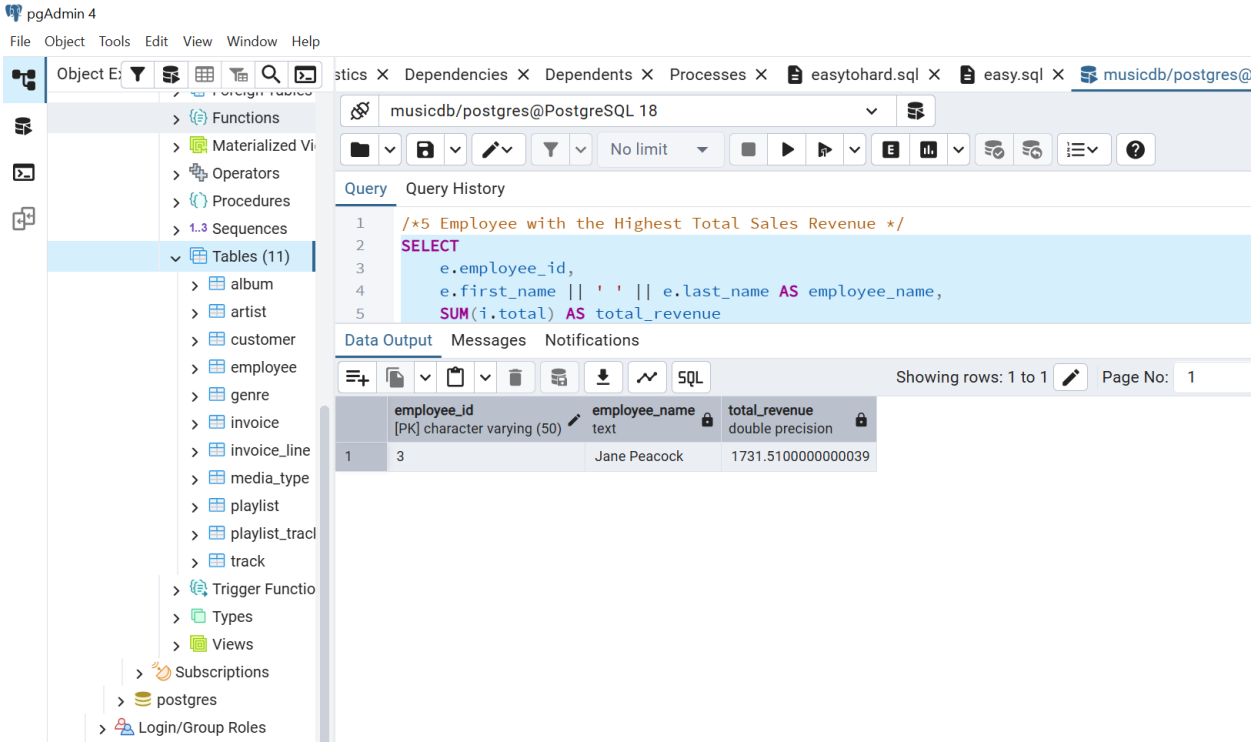


4. Employee with the most customers

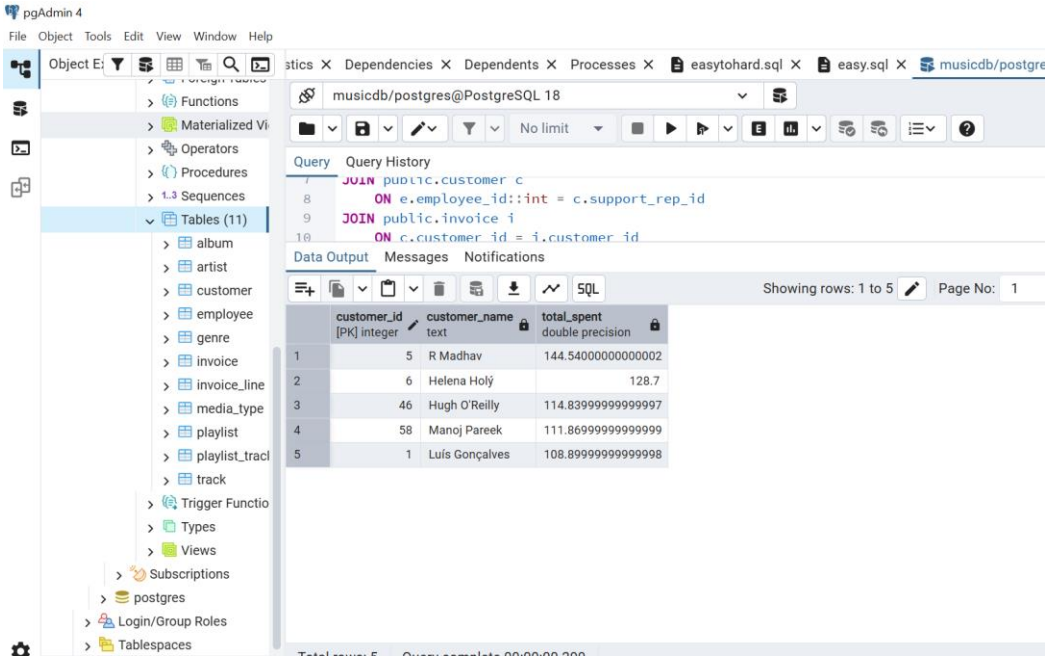


MODERATE

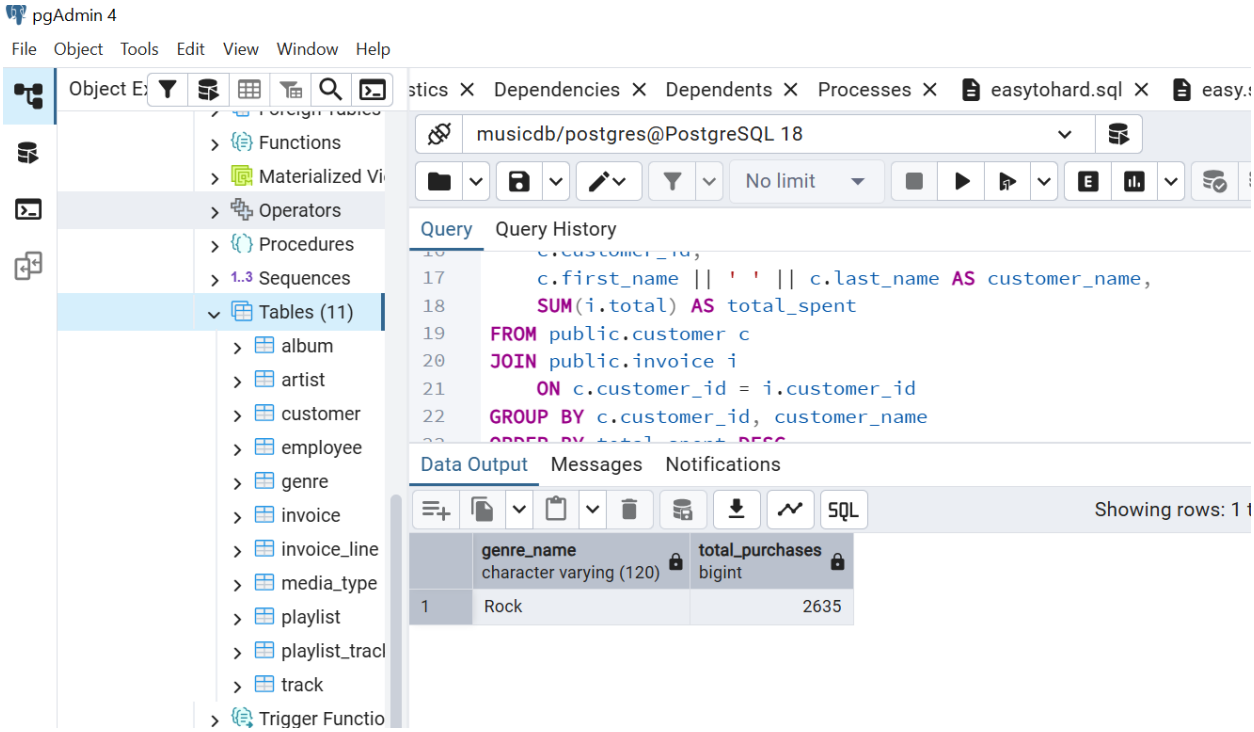
5. Employee with the Highest Total Sales Revenue



6. Top 5 Customers by Total Spending

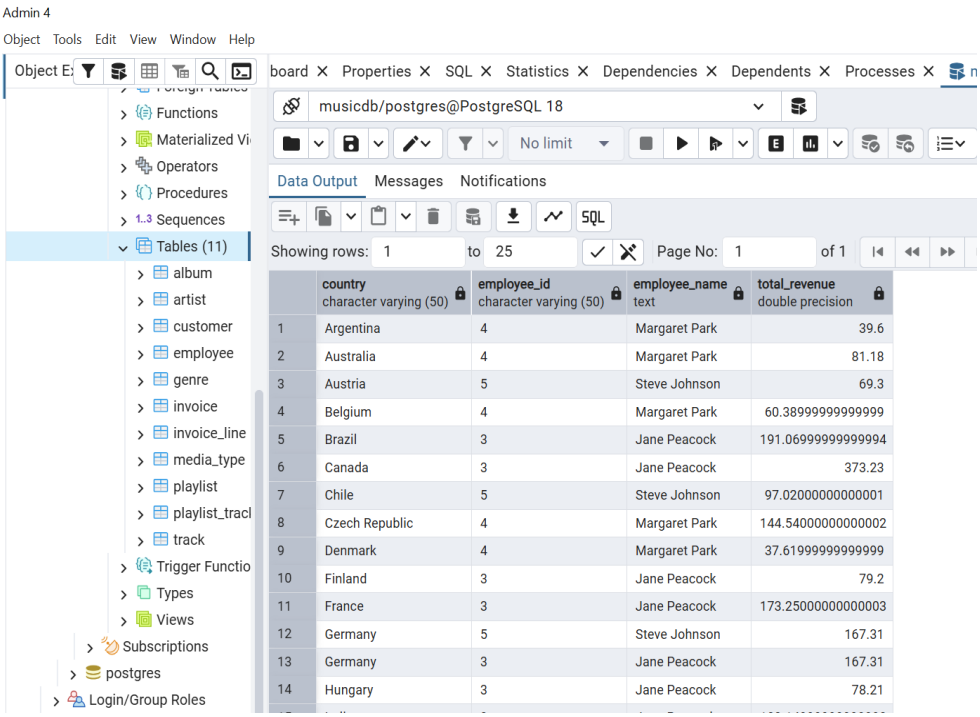


7. Most Popular Genre by Number of Purchases

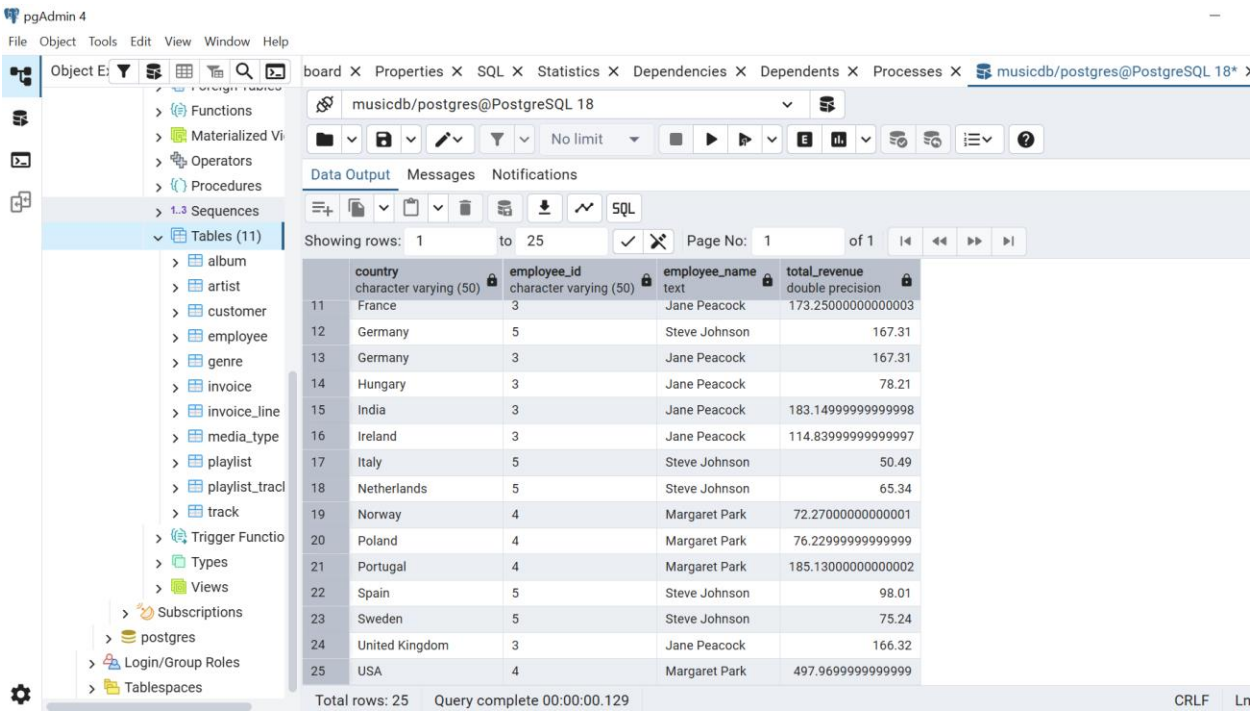


HARD

8. Top Employee per Country by Total Sales

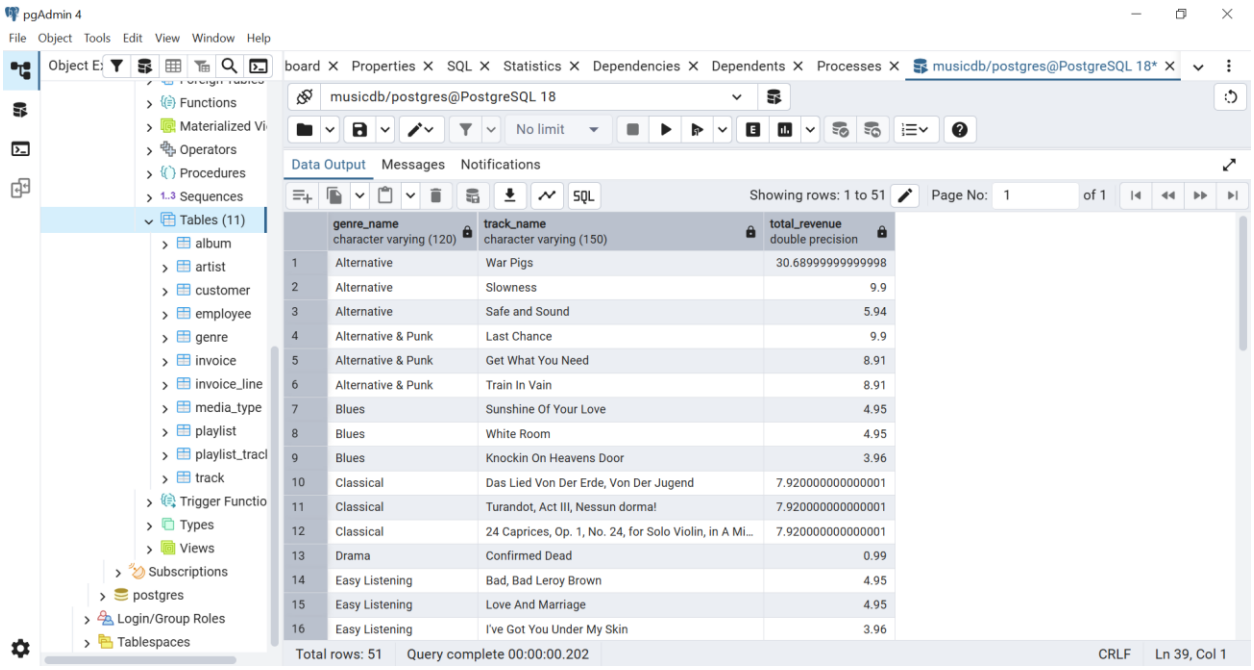


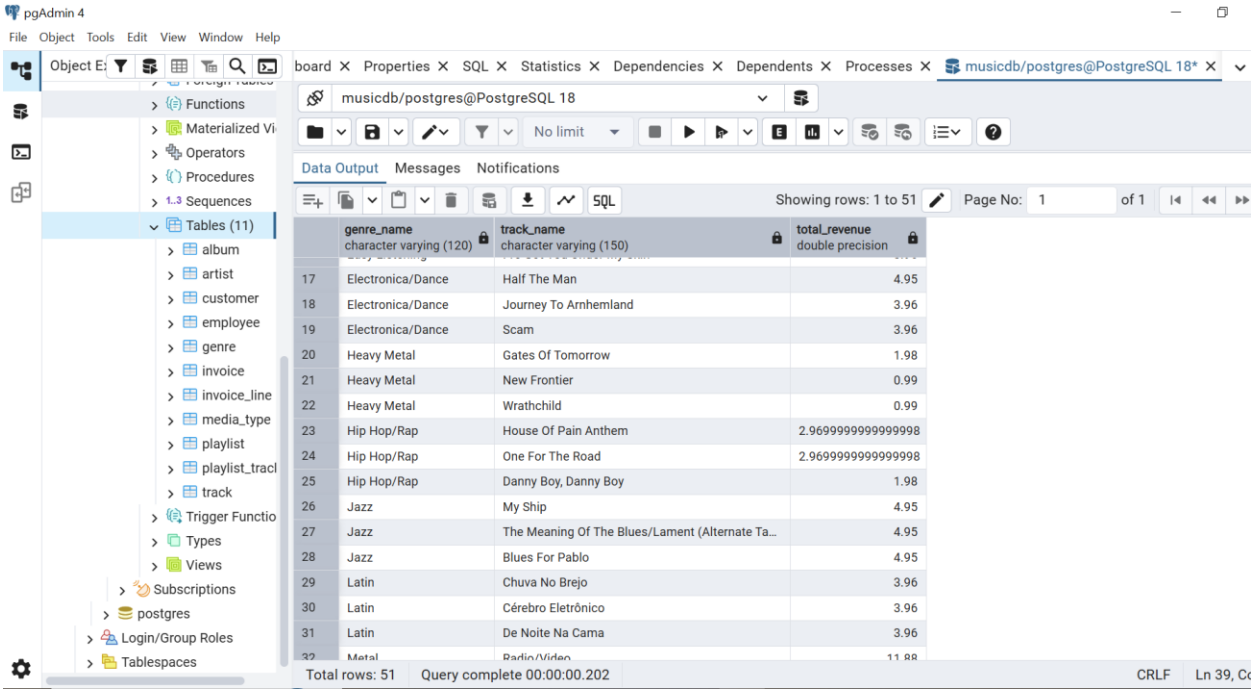
	country character varying (50)	employee_id character varying (50)	employee_name text	total_revenue double precision
1	Argentina	4	Margaret Park	39.6
2	Australia	4	Margaret Park	81.18
3	Austria	5	Steve Johnson	69.3
4	Belgium	4	Margaret Park	60.38999999999999
5	Brazil	3	Jane Peacock	191.06999999999994
6	Canada	3	Jane Peacock	373.23
7	Chile	5	Steve Johnson	97.02000000000001
8	Czech Republic	4	Margaret Park	144.54000000000002
9	Denmark	4	Margaret Park	37.61999999999999
10	Finland	3	Jane Peacock	79.2
11	France	3	Jane Peacock	173.25000000000003
12	Germany	5	Steve Johnson	167.31
13	Germany	3	Jane Peacock	167.31
14	Hungary	3	Jane Peacock	78.21

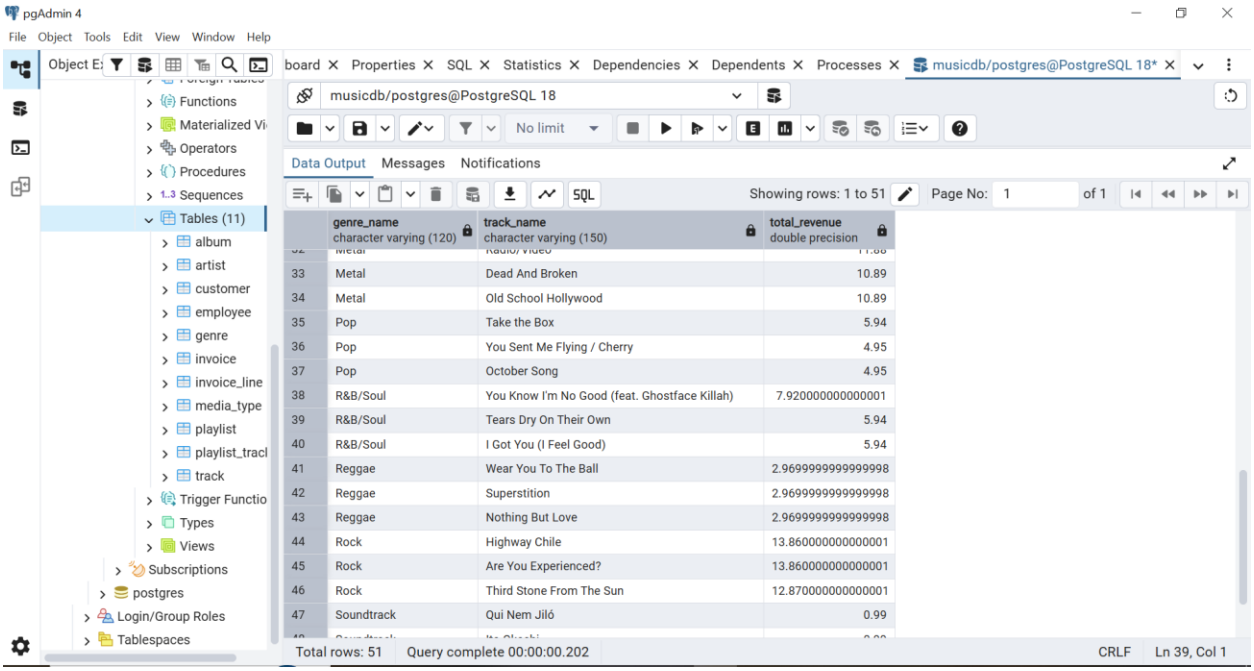


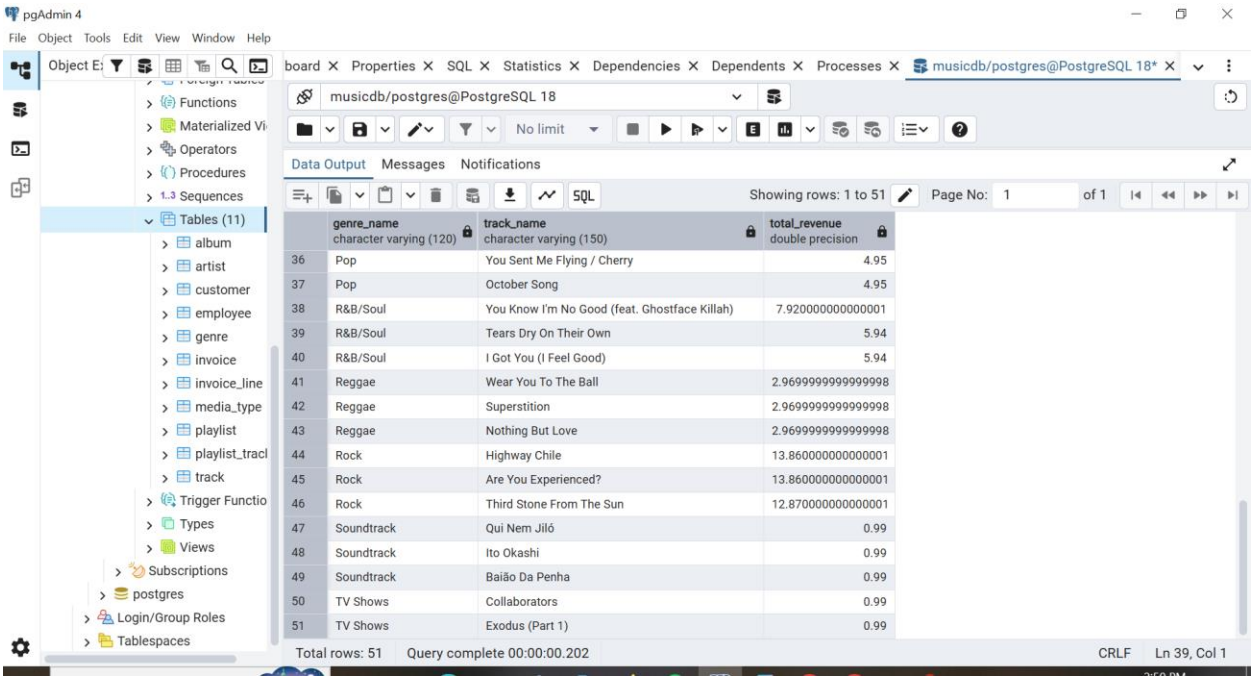
	country character varying (50)	employee_id character varying (50)	employee_name text	total_revenue double precision
11	France	3	Jane Peacock	173.25000000000003
12	Germany	5	Steve Johnson	167.31
13	Germany	3	Jane Peacock	167.31
14	Hungary	3	Jane Peacock	78.21
15	India	3	Jane Peacock	183.14999999999998
16	Ireland	3	Jane Peacock	114.83999999999997
17	Italy	5	Steve Johnson	50.49
18	Netherlands	5	Steve Johnson	65.34
19	Norway	4	Margaret Park	72.27000000000001
20	Poland	4	Margaret Park	76.22999999999999
21	Portugal	4	Margaret Park	185.13000000000002
22	Spain	5	Steve Johnson	98.01
23	Sweden	5	Steve Johnson	75.24
24	United Kingdom	3	Jane Peacock	166.32
25	USA	4	Margaret Park	497.9699999999999

9. Top 3 Tracks by Revenue in Each Genre






pgAdmin 4
File Object Tools Edit View Window Help
musicdb/postgres@PostgreSQL 18
Data Output Messages Notifications
Showing rows: 1 to 51 Page No: 1 of 1
genre_name character varying (120)
track_name character varying (150)
total_revenue double precision
33 Metal Dead And Broken 10.89
34 Metal Old School Hollywood 10.89
35 Pop Take the Box 5.94
36 Pop You Sent Me Flying / Cherry 4.95
37 Pop October Song 4.95
38 R&B/Soul You Know I'm No Good (feat. Ghostface Killah) 7.920000000000001
39 R&B/Soul Tears Dry On Their Own 5.94
40 R&B/Soul I Got You (I Feel Good) 5.94
41 Reggae Wear You To The Ball 2.9699999999999998
42 Reggae Superstition 2.9699999999999998
43 Reggae Nothing But Love 2.9699999999999998
44 Rock Highway Chile 13.860000000000001
45 Rock Are You Experienced? 13.860000000000001
46 Rock Third Stone From The Sun 12.870000000000001
47 Soundtrack Qui Nem Jiló 0.99
Total rows: 51 Query complete 00:00:00.202
CRLF Ln 39, Col 1


pgAdmin 4
File Object Tools Edit View Window Help
musicdb/postgres@PostgreSQL 18
Data Output Messages Notifications
Showing rows: 1 to 51 Page No: 1 of 1
genre_name character varying (120)
track_name character varying (150)
total_revenue double precision
36 Pop You Sent Me Flying / Cherry 4.95
37 Pop October Song 4.95
38 R&B/Soul You Know I'm No Good (feat. Ghostface Killah) 7.920000000000001
39 R&B/Soul Tears Dry On Their Own 5.94
40 R&B/Soul I Got You (I Feel Good) 5.94
41 Reggae Wear You To The Ball 2.9699999999999998
42 Reggae Superstition 2.9699999999999998
43 Reggae Nothing But Love 2.9699999999999998
44 Rock Highway Chile 13.860000000000001
45 Rock Are You Experienced? 13.860000000000001
46 Rock Third Stone From The Sun 12.870000000000001
47 Soundtrack Qui Nem Jiló 0.99
48 Soundtrack Ito Okashi 0.99
49 Soundtrack Baião Da Penha 0.99
50 TV Shows Collaborators 0.99
51 TV Shows Exodus (Part 1) 0.99
Total rows: 51 Query complete 00:00:00.202
CRLF Ln 39, Col 1

10. Customers Who Purchased Every Track of a Specific Genre

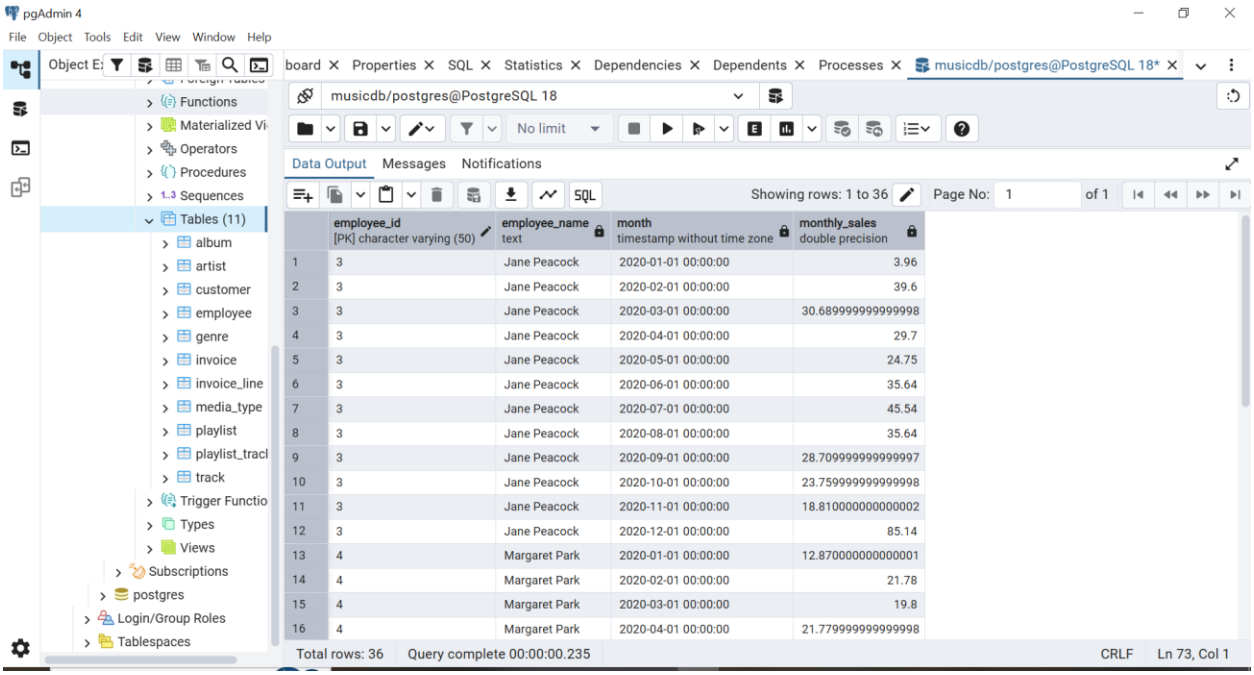
output is empty.

```
39  /*Customers Who Purchased Every Track of a Specific Genre*/
40  WITH rock_tracks AS (
41      SELECT track_id
42      FROM public.track t
43      JOIN public.genre g ON t.genre_id = g.genre_id
44      WHERE g.name = 'Rock'
45  ),
```

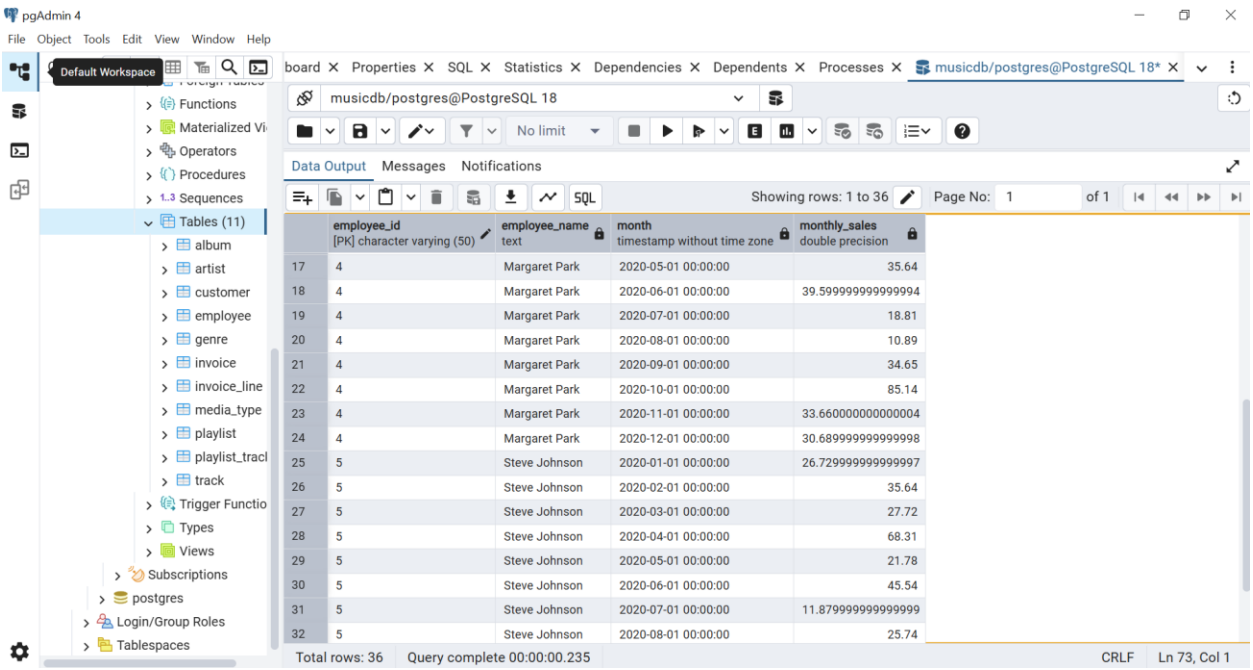
Data Output | Messages | Notifications

customer_id [PK] integer	customer_name text

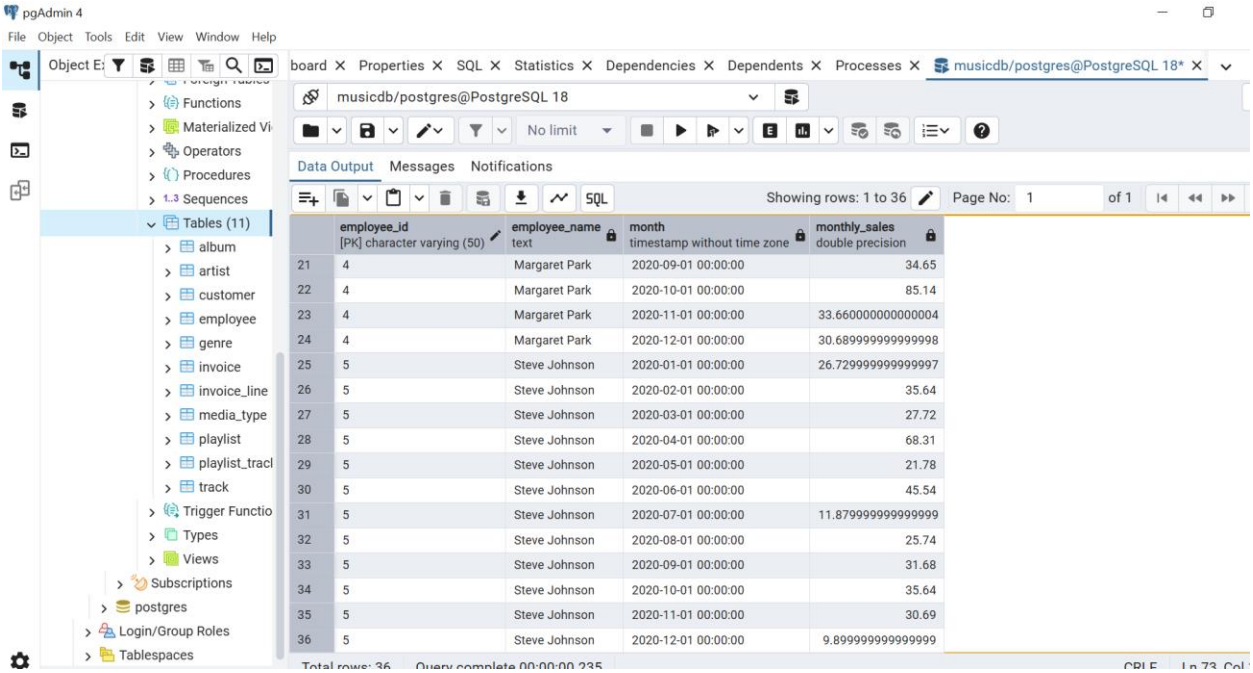
11. Monthly Sales Trend for Each Employee



	employee_id [PK] character varying (50)	employee_name text	month timestamp without time zone	monthly_sales double precision
1	3	Jane Peacock	2020-01-01 00:00:00	3.96
2	3	Jane Peacock	2020-02-01 00:00:00	39.6
3	3	Jane Peacock	2020-03-01 00:00:00	30.689999999999998
4	3	Jane Peacock	2020-04-01 00:00:00	29.7
5	3	Jane Peacock	2020-05-01 00:00:00	24.75
6	3	Jane Peacock	2020-06-01 00:00:00	35.64
7	3	Jane Peacock	2020-07-01 00:00:00	45.54
8	3	Jane Peacock	2020-08-01 00:00:00	35.64
9	3	Jane Peacock	2020-09-01 00:00:00	28.709999999999997
10	3	Jane Peacock	2020-10-01 00:00:00	23.759999999999998
11	3	Jane Peacock	2020-11-01 00:00:00	18.810000000000002
12	3	Jane Peacock	2020-12-01 00:00:00	85.14
13	4	Margaret Park	2020-01-01 00:00:00	12.870000000000001
14	4	Margaret Park	2020-02-01 00:00:00	21.78
15	4	Margaret Park	2020-03-01 00:00:00	19.8
16	4	Margaret Park	2020-04-01 00:00:00	21.779999999999998



	employee_id [PK] character varying (50)	employee_name text	month timestamp without time zone	monthly_sales double precision
17	4	Margaret Park	2020-05-01 00:00:00	35.64
18	4	Margaret Park	2020-06-01 00:00:00	39.599999999999994
19	4	Margaret Park	2020-07-01 00:00:00	18.81
20	4	Margaret Park	2020-08-01 00:00:00	10.89
21	4	Margaret Park	2020-09-01 00:00:00	34.65
22	4	Margaret Park	2020-10-01 00:00:00	85.14
23	4	Margaret Park	2020-11-01 00:00:00	33.660000000000004
24	4	Margaret Park	2020-12-01 00:00:00	30.689999999999998
25	5	Steve Johnson	2020-01-01 00:00:00	26.729999999999997
26	5	Steve Johnson	2020-02-01 00:00:00	35.64
27	5	Steve Johnson	2020-03-01 00:00:00	27.72
28	5	Steve Johnson	2020-04-01 00:00:00	68.31
29	5	Steve Johnson	2020-05-01 00:00:00	21.78
30	5	Steve Johnson	2020-06-01 00:00:00	45.54
31	5	Steve Johnson	2020-07-01 00:00:00	11.879999999999999
32	5	Steve Johnson	2020-08-01 00:00:00	25.74



	employee_id [PK] character varying (50)	employee_name text	month timestamp without time zone	monthly_sales double precision
21	4	Margaret Park	2020-09-01 00:00:00	34.65
22	4	Margaret Park	2020-10-01 00:00:00	85.14
23	4	Margaret Park	2020-11-01 00:00:00	33.660000000000004
24	4	Margaret Park	2020-12-01 00:00:00	30.689999999999998
25	5	Steve Johnson	2020-01-01 00:00:00	26.729999999999997
26	5	Steve Johnson	2020-02-01 00:00:00	35.64
27	5	Steve Johnson	2020-03-01 00:00:00	27.72
28	5	Steve Johnson	2020-04-01 00:00:00	68.31
29	5	Steve Johnson	2020-05-01 00:00:00	21.78
30	5	Steve Johnson	2020-06-01 00:00:00	45.54
31	5	Steve Johnson	2020-07-01 00:00:00	11.879999999999999
32	5	Steve Johnson	2020-08-01 00:00:00	25.74
33	5	Steve Johnson	2020-09-01 00:00:00	31.68
34	5	Steve Johnson	2020-10-01 00:00:00	35.64
35	5	Steve Johnson	2020-11-01 00:00:00	30.69
36	5	Steve Johnson	2020-12-01 00:00:00	9.899999999999999

12. Track with the Highest Single Invoice Sale