



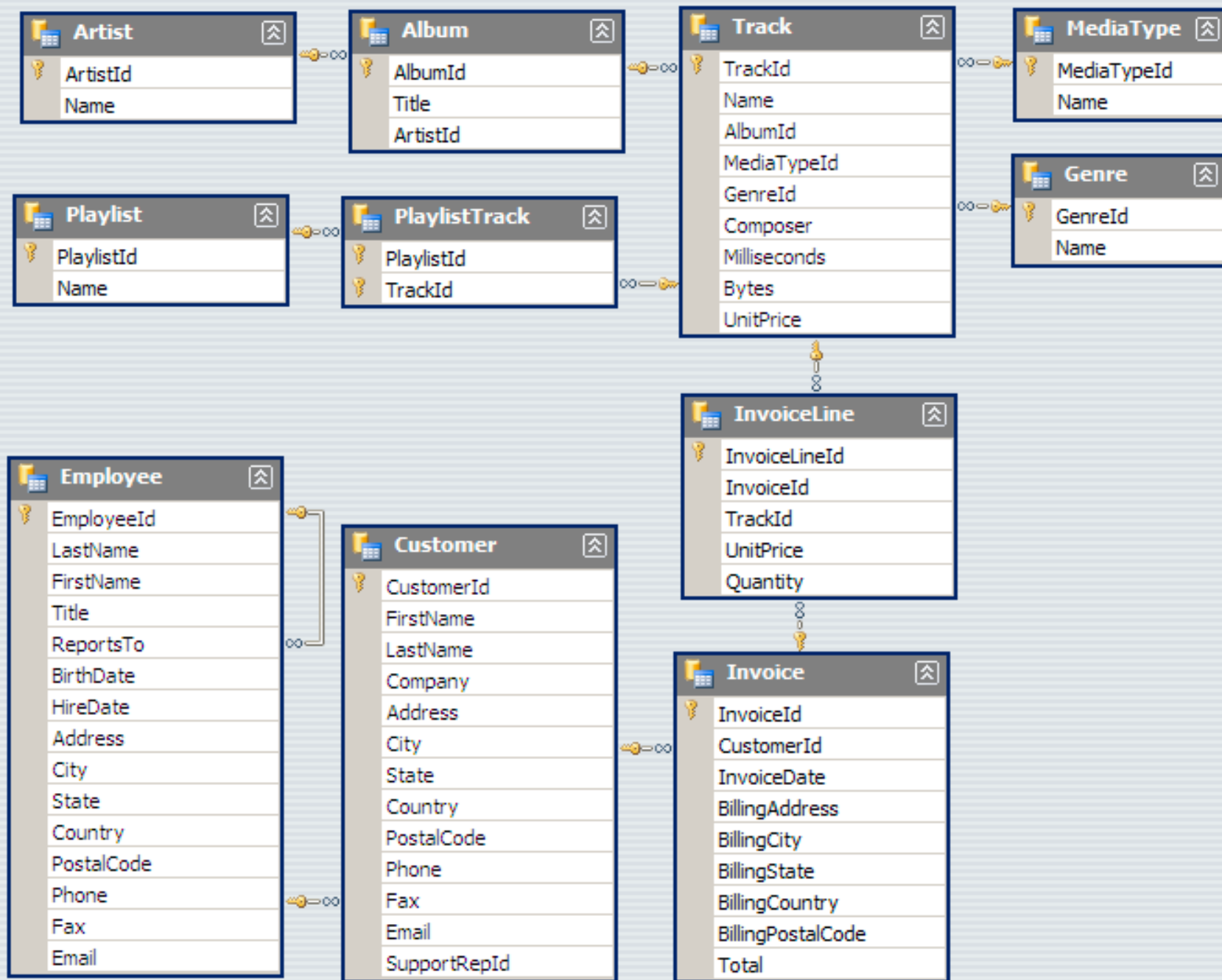
Music Store Analysis SQL

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Database Schema









Who is the senior most employee based on job title?

Result Grid				Filter Rows:		Export:	Wrap
	title	last_name	first_name				
▶	General Manager	Adams	Andrew				



Which countries have the most Invoices?

Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 		
	c	billing_country
▶	131	USA
	76	Canada
	61	Brazil
	50	France
	41	Germany
	30	Czech Republic
	29	Portugal
	28	United Kingdom
	21	India
	13	Ireland
	13	Chile
	11	Finland
	11	Spain
	10	Poland
	10	Denmark
	10	Australia

Result 2 x



What are top 3 values of total invoice?

Result Grid

Filter Rows:

Export:

Wrap Cell Content:





Fetch

	total
▶	23.759999999999998
	19.8
	19.8

invoice 3

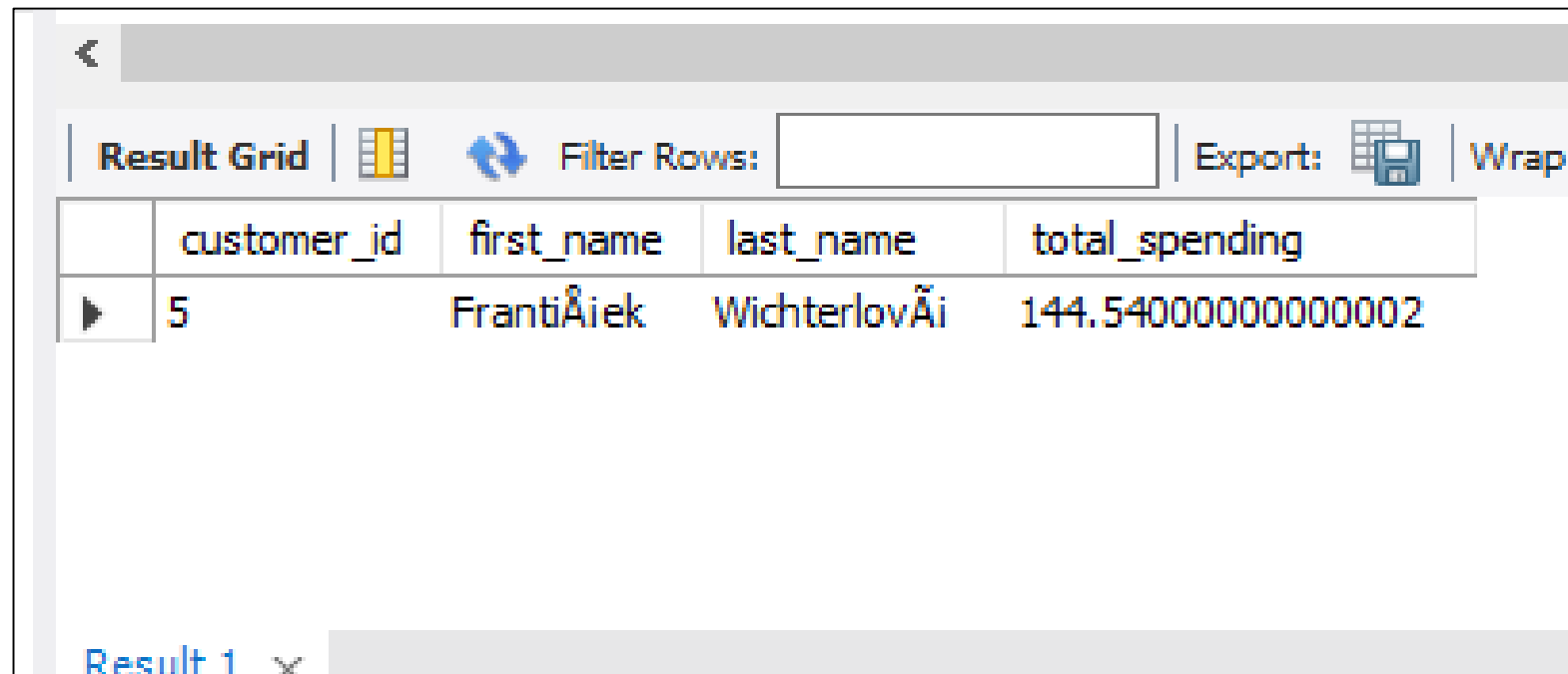


Which city has the best customers? We would like to throw a promotional Music Festival in the city we made the most money. Write a query that returns one city that has the highest sum of invoice totals. Return both the city name & sum of all invoice totals

Result Grid   Filter Rows: <input type="text"/>			Export:  Wrap Cell Content: 	
	invoice_total	billing_city		
▶	273.24000000000007	Prague		
	169.29	Mountain View		
	166.32	London		
	158.4	Berlin		
	151.47	Paris		
	129.69	SÃ£o Paulo		
	114.83999999999997	Dublin		
	111.86999999999999	Delhi		
	108.89999999999998	SÃ£o JosÃ© dos Campos		
	106.91999999999999	BrasÃ-lia		
	102.96000000000001	Lisbon		
	99.99	Bordeaux		
	99.99	MontrÃ©al		
	98.01	Madrid		
	98.01	Redmond		
	97.02000000000001	Santiago		
	94.05000000000001	Frankfurt		
	92.07000000000001	Orlando		
	91.08000000000001	Reno		



Who is the best customer? The customer who has spent the most money will be declared the best customer. Write a query that returns the person who has spent the most money.



The screenshot shows a database query result grid. At the top, there is a toolbar with a back arrow, a 'Result Grid' label, a grid icon, a refresh icon, a 'Filter Rows:' input field, an 'Export:' label with a download icon, and a 'Wrap' label. Below the toolbar is a table with four columns: 'customer_id', 'first_name', 'last_name', and 'total_spending'. The first row of data shows '5' for customer_id, 'František' for first_name, 'Wichterlová' for last_name, and '144.54000000000002' for total_spending. At the bottom left, the text 'Result 1' is visible next to a close icon.

	customer_id	first_name	last_name	total_spending
▶	5	František	Wichterlová	144.54000000000002





Write query to return the email, first name, last name, & Genre of all Rock Music listeners.
Return your list ordered alphabetically by email starting with A

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
email	first_name	last_name	
aaronmitchell@yahoo.ca	Aaron	Mitchell	
alero@uol.com.br	Alexandre	Rocha	
astrid.gruber@apple.at	Astrid	Gruber	
bjorn.hansen@yahoo.no	Björn	Hansen	
camille.bernard@yahoo.fr	Camille	Bernard	
daan_peeters@apple.be	Daan	Peeters	
diego.gutierrez@yahoo.ar	Diego	Gutiérrez	
dmiller@comcast.com	Dan	Miller	
dominiquelefebvre@gmail.com	Dominique	Lefebvre	
edfrancis@yahoo.ca	Edward	Francis	
eduardo@woodstock.com.br	Eduardo	Martins	
ellie.sullivan@shaw.ca	Ellie	Sullivan	
emma_jones@hotmail.com	Emma	Jones	
enrique_munoz@yahoo.es	Enrique	Muñoz	
fernandaramos4@uol.com.br	Fernando	Ramos	



Let's invite the artists who have written the most rock music in our dataset. Write a query that returns the Artist name and total track count of the top 10 rock bands

Result Grid			
Filter Rows: <input type="text"/>			
Export: 			
Wrap Cell Content: 			
	artist_id	name	number_of_songs
▶	1	AC/DC	18
	3	Aerosmith	15
	8	Audioslave	14
	22	Led Zeppelin	14
	4	Alanis Morissette	13
	5	Alice In Chains	12
	23	Frank Zappa & Captain Beefheart	9
	2	Accept	4



Return all the track names that have a song length longer than the average song length. Return the Name and Milliseconds for each track. Order by the song length with the longest songs listed first.

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	name	milliseconds			
▶	How Many More Times	711836			
	Advance Romance	677694			
	Sleeping Village	644571			
	You Shook Me(2)	619467			
	Talkin' 'Bout Women Obviously	589531			
	Stratus	582086			
	No More Tears	555075			
	The Alchemist	509413			
	Wheels Of Confusion / The Straightener	494524			
	Book Of Thel	494393			
	You Oughta Know (Alternate)	491885			
	Terra	482429			
	Snoopy's search-Red baron	456071			
track 2 x					



Find how much amount spent by each customer on artists? Write a query to return customer name, artist name and total spent

<					
Result Grid Filter Rows: Export: Wrap Cell Content:					
	customer_id	first_name	last_name	artist_name	amount_spent
▶	54	Steve	Murray	AC/DC	17.82
	53	Phil	Hughes	AC/DC	10.89
	21	Kathy	Chase	AC/DC	10.89
	49	Stanisław	Wójcik	AC/DC	9.9
	1	Luís	Gonsalves	AC/DC	7.920000000000001
	24	Frank	Ralston	AC/DC	7.920000000000001
	31	Martha	Silk	AC/DC	3.96
	16	Frank	Harris	AC/DC	2.9699999999999998
	42	Wyatt	Girard	AC/DC	2.9699999999999998
	6	Helena	Holm	AC/DC	2.9699999999999998
	38	Niklas	Schröder	AC/DC	2.9699999999999998
	35	Madalena	Sampaio	AC/DC	2.9699999999999998
	44	Terhi	Hämäläinen	AC/DC	2.9699999999999998
	9	Kara	Nielsen	AC/DC	1.98
	34	João	Fernandes	AC/DC	1.98
	57	Luis	Rojas	AC/DC	1.98

Result 6 x



We want to find out the most popular music Genre for each country. We determine the most popular genre as the genre with the highest amount of purchases. Write a query that returns each country along with the top Genre. For countries where the maximum number of purchases is shared return all Genres.

Result Grid Filter Rows: Export: Wrap Cell Content:					
	purchases	country	name	genre_id	RowNo
▶	1	Argentina	Rock	1	1
	18	Australia	Rock	1	1
	6	Austria	Rock	1	1
	5	Belgium	Rock	1	1
	26	Brazil	Rock	1	1
	57	Canada	Rock	1	1
	7	Chile	Rock	1	1
	14	Czech Republic	Rock	1	1
	6	Denmark	Rock	1	1
	6	Finland	Rock	1	1
	26	France	Rock	1	1
	28	Germany	Rock	1	1
	4	Hungary	Rock	1	1
	13	India	Rock	1	1
	2	Ireland	Rock	1	1

Result 2 ×



Write a query that determines the customer that has spent the most on music for each country. Write a query that returns the country along with the top customer and how much they spent. For countries where the top amount spent is shared, provide all customers who spent this amount

Result Grid Filter Rows: Export: Wrap Cell Content:						
	customer_id	first_name	last_name	billing_country	total_spending	RowNo
▶	56	Diego	Gutiérrez	Argentina	39.6	1
	55	Mark	Taylor	Australia	81.18	1
	7	Astrid	Gruber	Austria	69.3	1
	8	Daan	Peeters	Belgium	60.38999999999999	1
	1	Luís	Gonçalves	Brazil	108.89999999999998	1
	3	François	Tremblay	Canada	99.99	1
	57	Luis	Rojas	Chile	97.02000000000001	1
	5	František	Wichterlov	Czech Republic	144.54000000000002	1
	9	Kara	Nielsen	Denmark	37.61999999999999	1
	44	Terhi	Hämäläinen	Finland	79.2	1
	42	Wyatt	Girard	France	99.99	1
	37	Fynn	Zimmermann	Germany	94.05000000000001	1
	45	Ladislav	Kovács	Hungary	78.21	1
	58	Manoj	Pareek	India	111.86999999999999	1
	46	Hugh	O'Reilly	Ireland	114.83999999999997	1
	47	Lucas	Mancini	Italy	50.49	1

Result 3 x



THANK YOU...
