--Q1) Who is the senior most employee based on job title?
SELECT
  *
FROM
  `propane-ground-386006.Music_store.employee`
ORDER BY
  levels DESC
LIMIT 1

Result of the query -

Query results   ⬇ SAVE RESULTS ▾   📊 EXPLORE DATA ▾   ↕

JOB INFORMATION	RESULTS	JSON	EXECUTION DETAILS	EXECUTION GRAPH PREVIEW

Row	employee_id	last_name	first_name	title	reports_to	levels	birthdate	hi
1	9	Madan	Mohan	Senior General Manager	null	L7	1961-01-26 00:00:00 UTC	2(

--Q2) Which countries have the most Invoices?
SELECT
  billing_country,
  COUNT(billing_country) AS cnt
FROM
  `propane-ground-386006.Music_store.invoice`
GROUP BY
  billing_country
ORDER BY
  cnt DESC

Result of the query -

Query results   ⬇ SAVE RESULTS ▾   📊

JOB INFORMATION	RESULTS	JSON	EXECUTION DETAILS	EXECUTION GRAPH PREVIEW

Row	billing_country	cnt
1	USA	131
2	Canada	76
3	Brazil	61
4	France	50
5	Germany	41
6	Czech Republic	30
7	Portugal	29
8	United Kingdom	28

Results per page: 100 ▾   1 – 24 of 24

```
--Q3) What are top 3 unique values of total invoice?
SELECT
  DISTINCT total
FROM
  `propane-ground-386006.Music_store.invoice`
ORDER BY
  total DESC
```

Result of the query -

Query results

⬇ SAVE RESULTS ▾   📊

| JOB INFORMATION | RESULTS | JSON | EXECUTION DETAILS | EXECUTION GRAPH PREVIEW |

Row	total
1	23.7599999…
2	19.8
3	18.81
4	17.82
5	16.83
6	15.84
7	14.85
8	13.86
9	12.87

Results per page: 50 ▾   1 – 21 of 21

```
/* Q4: 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 nam
e & sum of all invoice totals */
SELECT
  billing_city AS City,
  ROUND(SUM(total),2) AS Invoice_totals
FROM
  `propane-ground-386006.Music_store.invoice`
GROUP BY
  City
ORDER BY
  Invoice_totals DESC
```

Result of the query -

Query results

⬇ SAVE RESULTS ▾   📊 EX

| JOB INFORMATION | RESULTS | JSON | EXECUTION DETAILS | EXECUTION GRAPH PREVIEW |

Row	City	Invoice_totals
1	Prague	273.24
2	Mountain View	169.29
3	London	166.32
4	Berlin	158.4
5	Paris	151.47
6	São Paulo	129.69
7	Dublin	114.84
8	Delhi	111.87
9	São José dos Campos	108.9

Results per page: 50 ▾   1 – 50 of 53

```sql
/* Q5: 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.*/
SELECT
    customer.customer_id,
    CONCAT(customer.first_name," ",customer.last_name) AS Name,
    invoice.billing_city,
    ROUND(SUM(invoice.total),2) AS Amount_spent
FROM
    propane-ground-386006.Music_store.invoice AS invoice
LEFT JOIN
    propane-ground-386006.Music_store.customer AS customer ON invoice.customer_id = customer.customer_id
GROUP BY
    customer.customer_id,
    Name,
    invoice.billing_city
ORDER BY
    Amount_spent DESC
```

Result of the query -

Query results   ⬇ SAVE RESULTS ▾   📊 E

| JOB INFORMATION | RESULTS | JSON | EXECUTION DETAILS | EXECUTION GRAPH PREVIEW |

Row	customer_id	Name	billing_city	Amount_spent
1	5	František Wichterlová	Prague	144.54
2	6	Helena Holý	Prague	128.7
3	46	Hugh O'Reilly	Dublin	114.84
4	58	Manoj Pareek	Delhi	111.87
5	1	Luís Gonçalves	São José dos Campos	108.9
6	13	Fernanda Ramos	Brasília	106.92
7	34	João Fernandes	Lisbon	102.96
8	3	François Tremblay	Montréal	99.99

Results per page: 50 ▾   1 – 50 of 59