

2. Explain the query result associated with result sets

A

```
SELECT COUNT(*) FROM data_science_books WHERE  
price < 25;
```

This query returns the total number of books that are priced **below \$25**.

B

```
SELECT MIN(price), MAX (price) FROM  
data_science_books;
```

This query retrieves the **minimum** and **maximum** price values from all the books.

C

```
SELECT  
publisher,  
AVG(avg_reviews) AS mean_rating  
FROM  
data_science_books  
GROUP BY  
publisher  
ORDER BY  
mean_rating DESC  
LIMIT  
3;
```

This query finds the **top 3 publishers** with the **highest average customer review ratings**.

D

```
SELECT  
EXTRACT(year FROM publish_date) AS year,  
COUNT(*) AS titles  
FROM  
data_science_books  
GROUP BY  
year  
HAVING  
COUNT() > 10  
ORDER BY  
year;
```

This query counts the number of books published in each year.

E

```
SELECT  
title,  
LENGTH (title) AS len  
FROM  
data_science_books  
WHERE  
title 'data\s+science'  
AND LENGTH(title) > 50 ORDER BY len DESC;
```

This query finds books where the **title contains the phrase "data science"**

