# Teem activity 05

Write a question to answer. The questions should include questions that will require, (conditions, Table Joins, Aggregates)

1. The question being asked.

What are the total sales for each category?

1. Team member name that lead the discussion for this question.
   * Francisco Javier Aguirre
2. SQL query used to answer the question.

SELECT category.category\_name,

SUM(product.list\_price \* cust\_order\_item.quantity) AS total\_sales

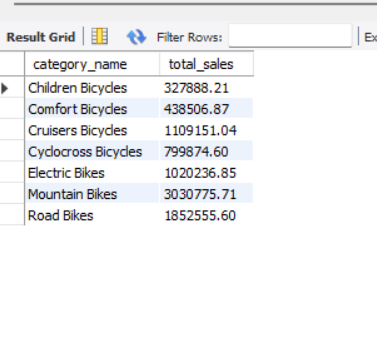
FROM product

JOIN category ON product.category\_id = category.category\_id

JOIN cust\_order\_item ON product.product\_id = cust\_order\_item.product\_id

GROUP BY category.category\_name;

1. Query results, either as a screen shot or table.



1. The question being asked.

What are the product categories with the highest sales?

1. Team member name that lead the discussion for this question.
   * Stanley Bruss Mauricio
2. SQL query used to answer the question.

FROM product

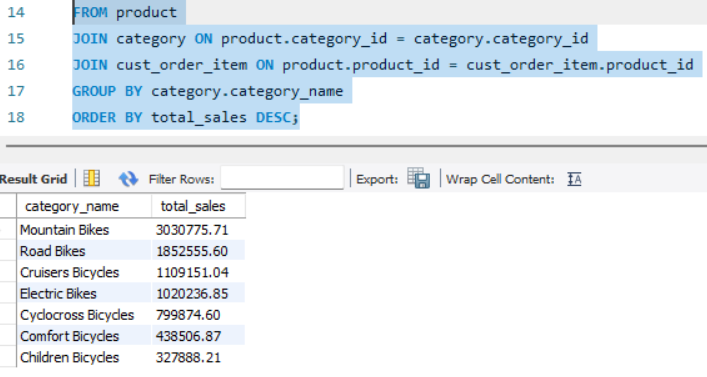
JOIN category ON product.category\_id = category.category\_id

JOIN cust\_order\_item ON product.product\_id = cust\_order\_item.product\_id

GROUP BY category.category\_name

ORDER BY total\_sales DESC;

1. Query results, either as a screen shot or table.



1. The question being asked.

what is the average price of the products in each category?

1. Team member name that lead the discussion for this question.
   * Franco Gabriel Zarate
2. SQL query used to answer the question.

SELECT category.category\_name,

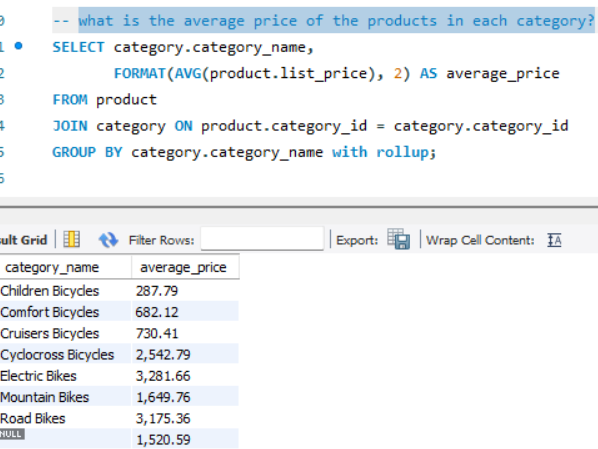
FORMAT(AVG(product.list\_price), 2) AS average\_price

FROM product

JOIN category ON product.category\_id = category.category\_id

GROUP BY category.category\_name with rollup;

1. Query results, either as a screen shot or table.



1. The question being asked.
2. The question being asked.

How many artworks are associated with a specific keyword?

1. Team member name that lead the discussion for this question.

Agustin Ezequiel Heredia y Darwin Gualberto Torrejón.

1. SQL query used to answer the question.

SELECT keyword.keyword, COUNT(artwork\_keyword.artwork\_id) AS num\_artworks

FROM keyword

JOIN artwork\_keyword ON keyword.keyword\_id = artwork\_keyword.keyword\_id

GROUP BY keyword.keyword;

1. Query results, either as a screen shot or table.

