MYSQL PROJECT

CASE STUDY: Art Gallery

Our next management meeting will be coming up in 2 weeks' time, use your SQL skills to answer the business questions below as they will be needed to keep the investors and top management informed on the operations of the gallery.

1. Identify the artists whose artworks are displayed in multiple countries.

2. Retrieve the top 10 most popular themes of artwork.

3. Identify the artworks with a selling price less than half of their listed price.

4. Remove duplicate entries from the artwork, product_dimensions, theme, and image tables.

5. Identify the galleries open on both Saturday and Sunday. Display gallery name and city.

6. How many galleries are open every day of the week?

7. Which canvas size has the highest cost?

8. Are there any galleries that do not have any artworks on display?

9. Identify the galleries with incorrect city information in the dataset.

10. Which gallery has the highest number of artworks in the most popular style?

11. Which are the top 5 most visited galleries? (Popularity is based on the number of artworks displayed in a gallery)

12. How many artworks have a selling price higher than their listed price?

13. The Gallery_Hours table has one invalid entry. Identify and delete it.

14. Display the 3 least common canvas sizes.

15. Who are the top 5 most prolific artists? (Popularity is based on the number of artworks created by an artist)

16. Which gallery is open the longest each day? Display gallery name, state, hours open, and which day.

17. List all the artworks that are not currently exhibited in any galleries.

18. Which country has the fifth-highest number of artworks?

19. Which are the 3 most popular and 3 least popular styles of artwork?

20. Display the country and city with the highest number of galleries. Output two separate columns for city and country. If there are multiple values, separate them with commas.

21. Identify the artist and gallery with the highest and lowest priced artwork. Display artist name, sale price, artwork name, gallery name, gallery city, and canvas label.

22. Which artist has the most Portraits artworks outside the USA? Display artist name, number of artworks, and artist nationality.