

## Title: Analyzing Game Sales Across Regions and Platforms

### Problem Statement:

The gaming industry is highly competitive, and understanding sales patterns across different regions and platforms is crucial for developers and publishers to optimize their strategies. In this case, we aim to analyze a set of game sales data to provide insights into sales performance across various platforms and regions. This analysis will include aggregate metrics, joins, and manipulation of sales records.

### Datasets Used:

📄 Games 📄 game sales

1. Games.csv: This dataset contains information about games, including GameID, GameTitle, Genre, ReleaseDate, and Developer.
2. Game Sales.csv: This dataset contains game sales data, including GameID, Platform, SalesRegion, UnitsSold, and Price.

### Objective:

The objective of this project is to analyze the game sales data and extract meaningful insights using various SQL operations. The tasks will involve inserting new data, updating records, deleting records, and using aggregate functions and joins to explore game sales performance.

1. Insert a new game with the title "Future Racing", genre "Racing", release date "2024-10-01", and developer "Speed Studios".
2. Update the price of the game with GameID 2 on the PlayStation platform to 60.
3. Delete the record of the game with GameID 5 from the Game Sales table.
4. Calculate the total number of units sold for each game across all platforms and regions.
5. Identify the game with the highest number of units sold in North America.



6. Get the game titles, platforms, and sales regions along with the units sold for each game.
7. Find all games, including those that have no sales data in the Game Sales table.
8. Retrieve sales records where the game details are missing in the Games table.
9. Retrieve game sales data for North America and Europe removing duplicate records
10. Retrieve all game sales data from North America and Europe without removing duplicate records.

### **Submission Instructions:**

Students can submit in SQL script files or word document

### **How to ZIP a folder:**

- Put all of the documents/sheets you want to compress (or just one) into a new folder.
- Right click on that folder.
- Select the “Compress to ZIP file” option and then click “Compressed (Zipped) folder.”
- A new .ZIP file will be created that contains your document(s).

