

Exploratory Data Analysis (EDA) - Video Game Analysis

1. Dataset Overview

- Columns: Game ID, Game Name, Genre, Platform, Release Year, Global Sales, User Rating, Active Players
- **Data Type Distribution:**
 - Categorical: Game Name, Genre, Platform
 - Numerical: Release Year, Global Sales, User Rating, Active Players

2. Data Cleaning

- Checked for missing values and imputed where necessary.
- Removed duplicate entries based on Game ID.
- Standardized categorical values (e.g., PlayStation = PS).

3. Key Insights

- Top Rated Game: "Fury Quest"
- Most Sold Game: "Battle Quest"
- Most Active Players: "Battle Shadow"
- Popular Platform: "Nintendo Switch (highest users)"
- Most Released Years: "2023 & 2024"
- Top Genre: "Racing followed by Strategy"