

Presented by October Prolet's

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University of California, Riverside

STAT206 - 001

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Methods & Datasets used

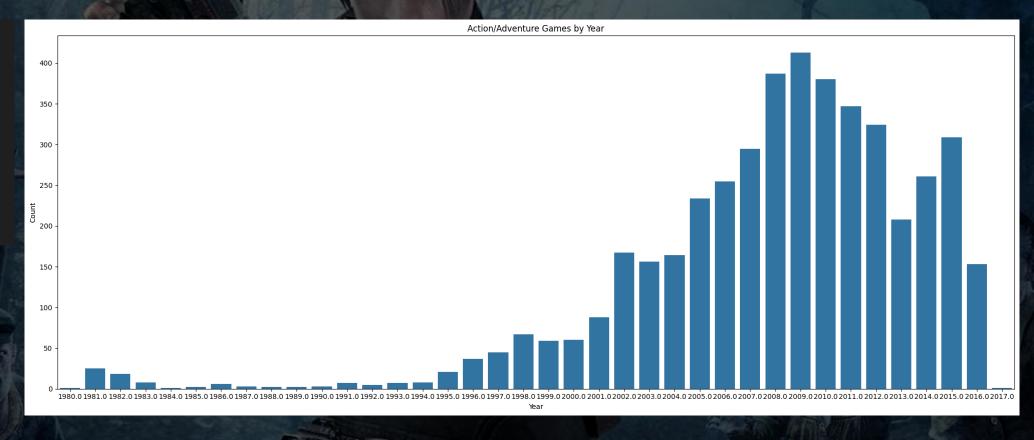
- Descriptive analysis (bar plots, scatter plots, trend lines)
- ➤ Sorting/filtering
- ➤ Statistical tools (coefficients)

- Datasets used:
 - vgsales.csv (original file from class)
 - vgs2024.csv (obtained through Kaggle)
 - >vgsSteam.csv (online public sources)
 - ➤ GameTB.csv (organized by group member for analysis)

Q1: Have the game genre Action Adventure been on the increase since 1980?

From vgsales data set:

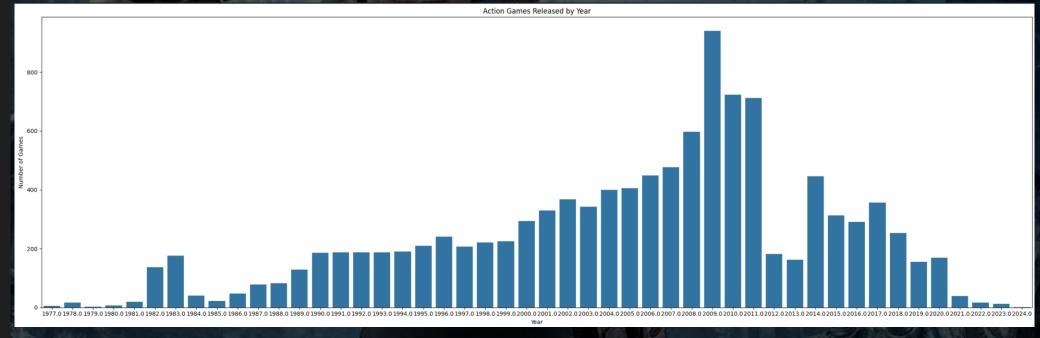
Genre Action/Adventure 4602 Sports 2346 Misc 1739 Role-Playing 1488 Shooter 1310 Racing 1249 Platform 886 Simulation 867 Fighting 848 Strategy 681 Puzzle 582



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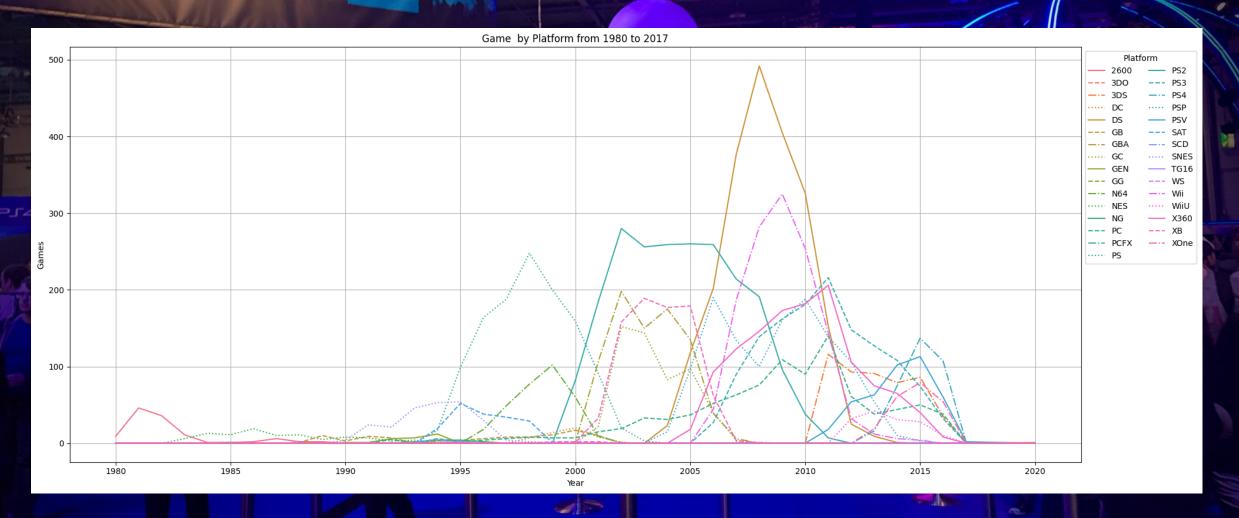
From vgs2024 data set:

genre Misc 6567 Action 5253 Adventure 4140 Role-Playing 3632 Sports 3206 Shooter 3051 Strategy 2687 Puzzle 2447 Simulation 2258 Platform 1991 Racing 1896 Fighting 1362 Action-Adventure 646 Visual Novel 307 Music 146 Party 88 MMO 62 27 Education Board Game 25 Sandbox



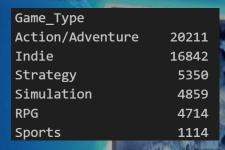
Expanding the Scope

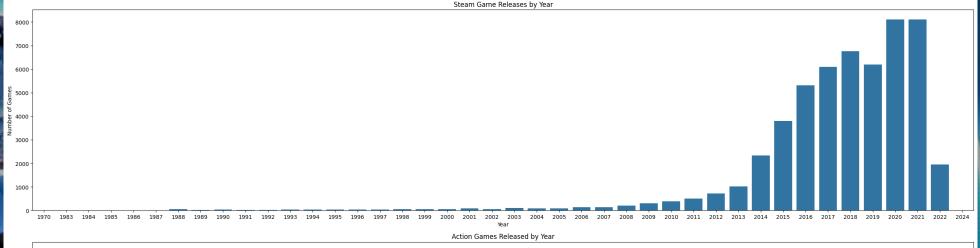
What is the reason behind the decline in 2012 and onward?

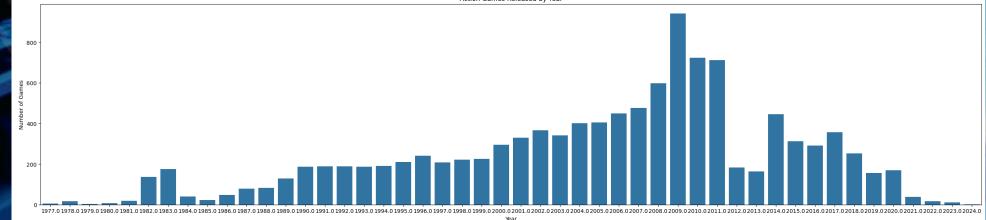


Q2: Is the rise of PC platforms correlated with the sharp decline of console game releases?

From vgsSteam data set (keep in mind the scale different







Q3: Is the sharp decline in video game release correlated with the increasing development cost & time spent on consoles?

