

Video Game Reception

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Project #1



AGENDA

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INTRODUCTION

Nintendo has been a dominant force in the gaming industry for decades, producing some of the most iconic and beloved titles to date; however, what would be considered “the best”?

HYPOTHESIS

We hypothesize *The Legend of Zelda* franchise is the best performing franchise, and the *Nintendo Switch* is the best performing platform.



Datasets pulled from Kaggle,
vgsales.fandom.com, and Wikipedia

Aggregation of Unit Sales across platforms where needed

Review scores standardized
and averaged



DATA OVERVIEW

04

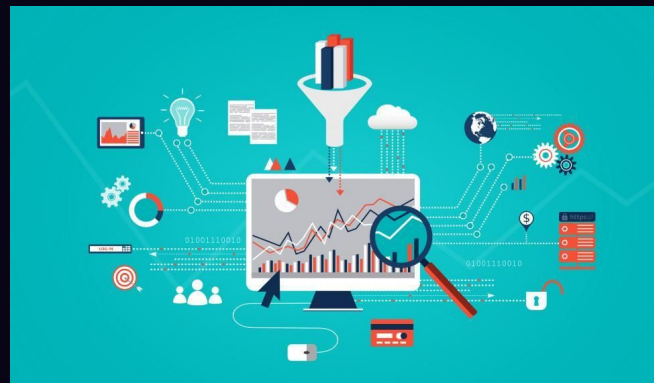
Franchise files merged to create large dataset for visualizations

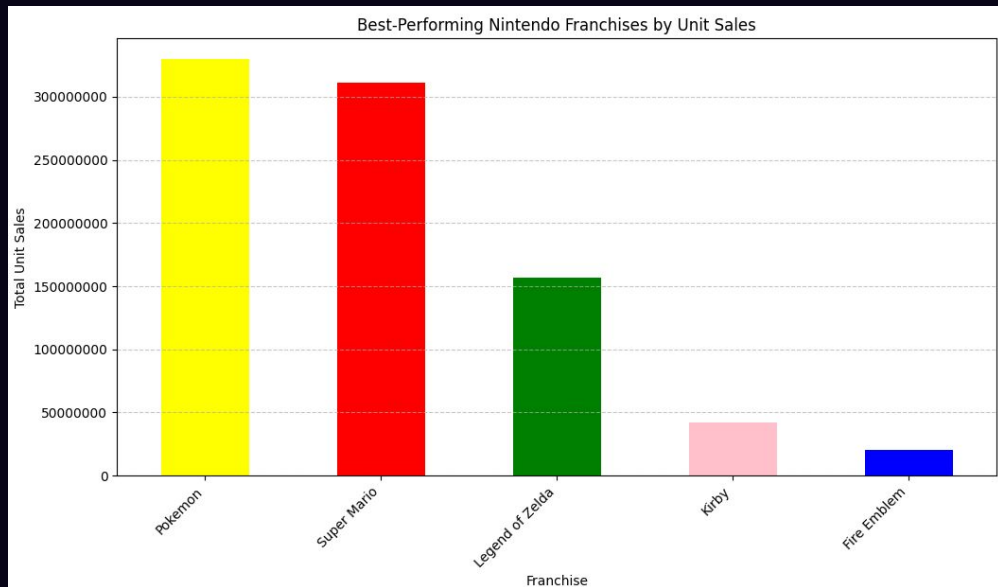
05

Franchise file can be linked to large Nintendo dataset for genre, developer, etc

06

All visualizations created using Python - Matplotlib





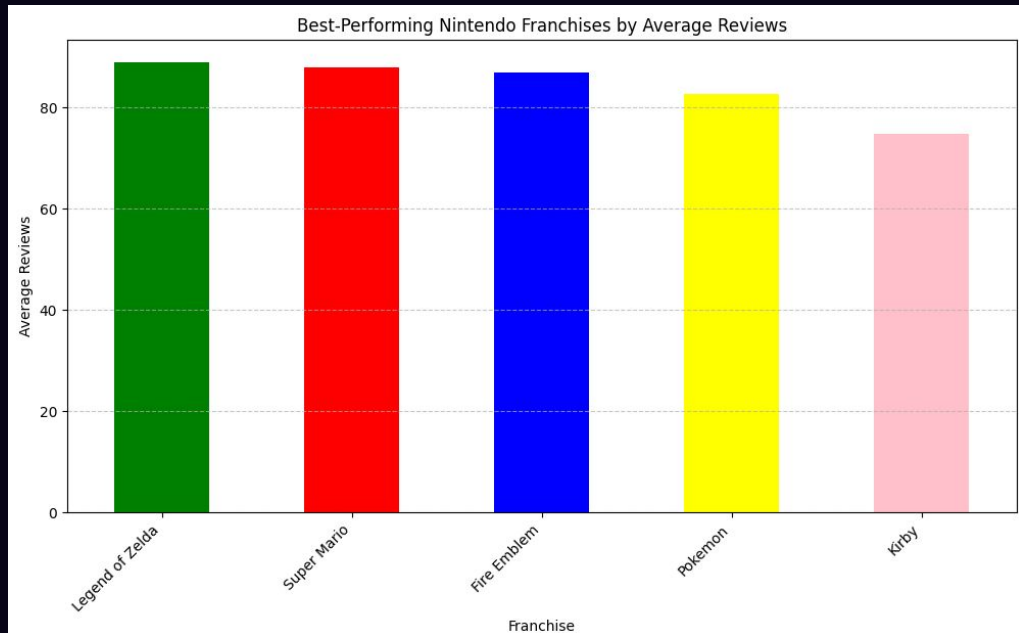
Best via Unit Sales

Most: Pokemon

329,680,000 units sold

Least: Fire Emblem

20,074,073 units sold



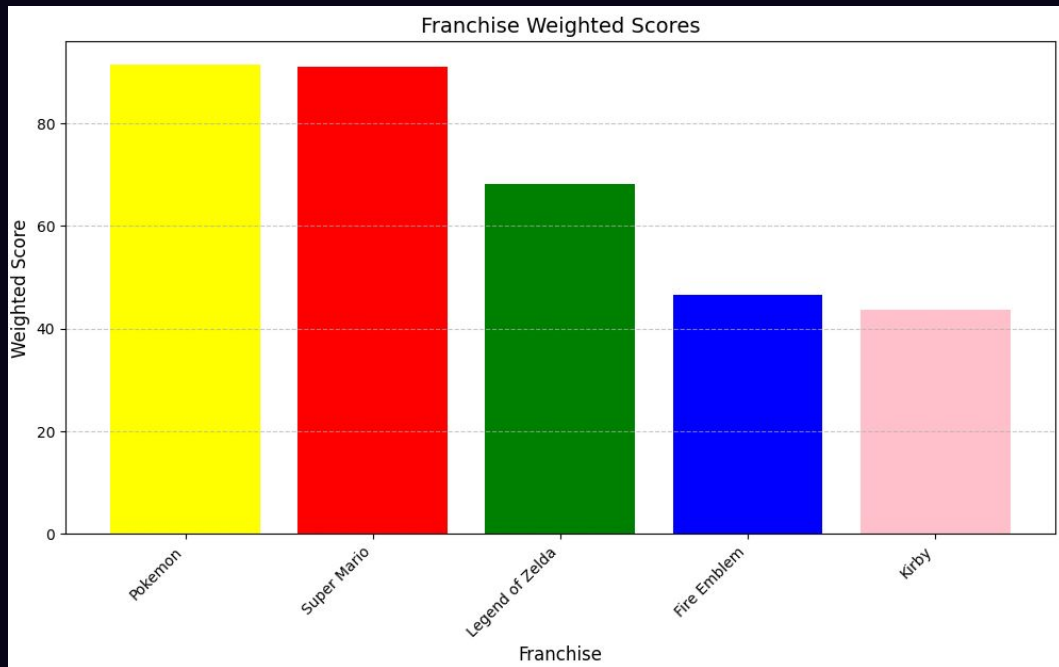
Best via Reviews

Highest: The Legend of Zelda

88.86

Lowest: Kirby

74.79



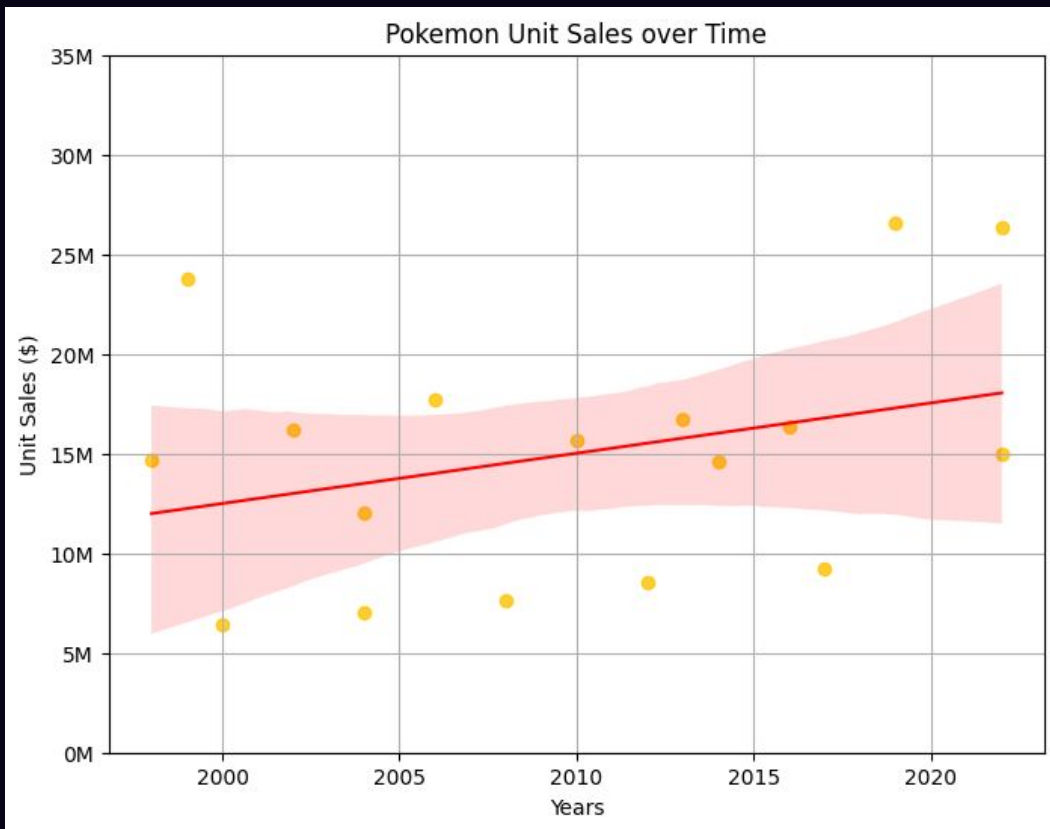
Best Overall via Weighted Average

Highest: Pokemon

91.35

Lowest: Kirby

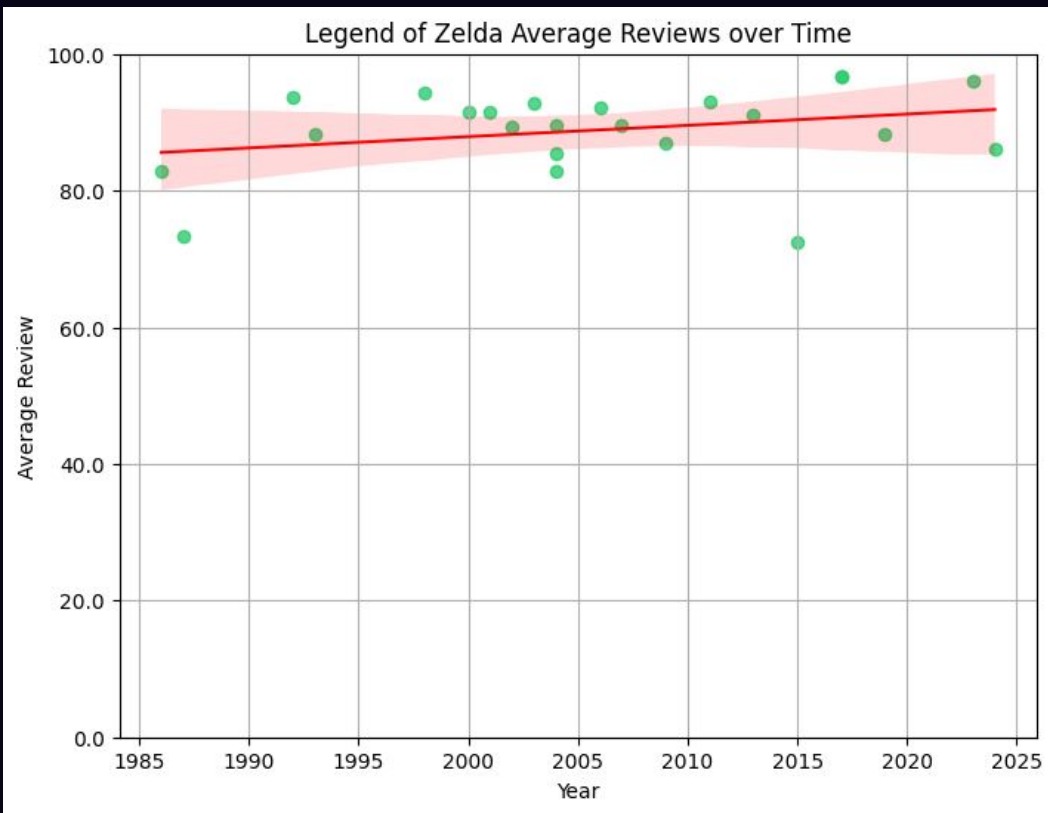
43.74



Pokemon Sales Over Time

Trends upwards overtime

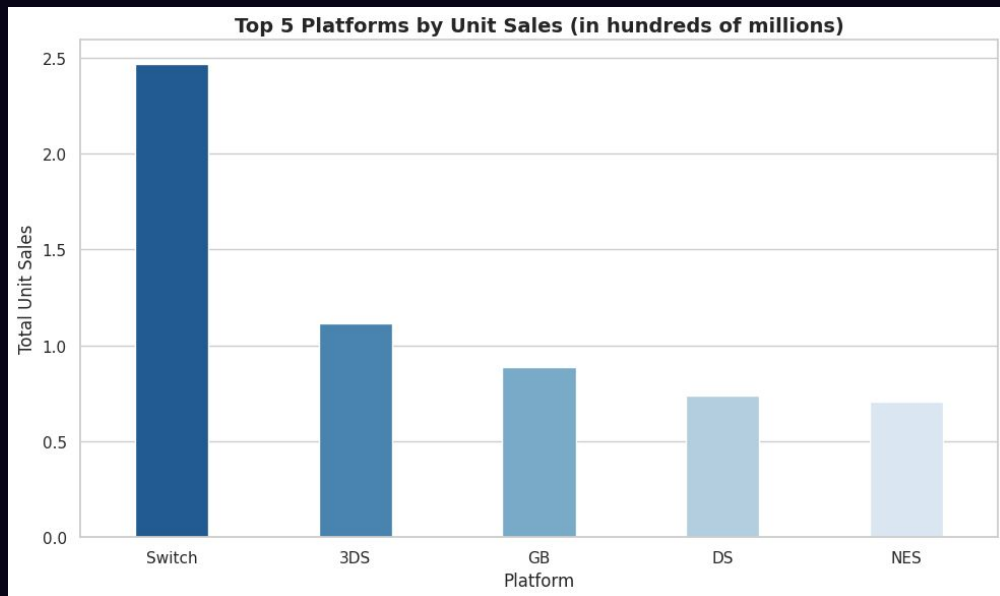
Wide Confidence Interval



Legend of Zelda Reviews Over Time

Trends upwards overtime

Narrow Confidence Interval



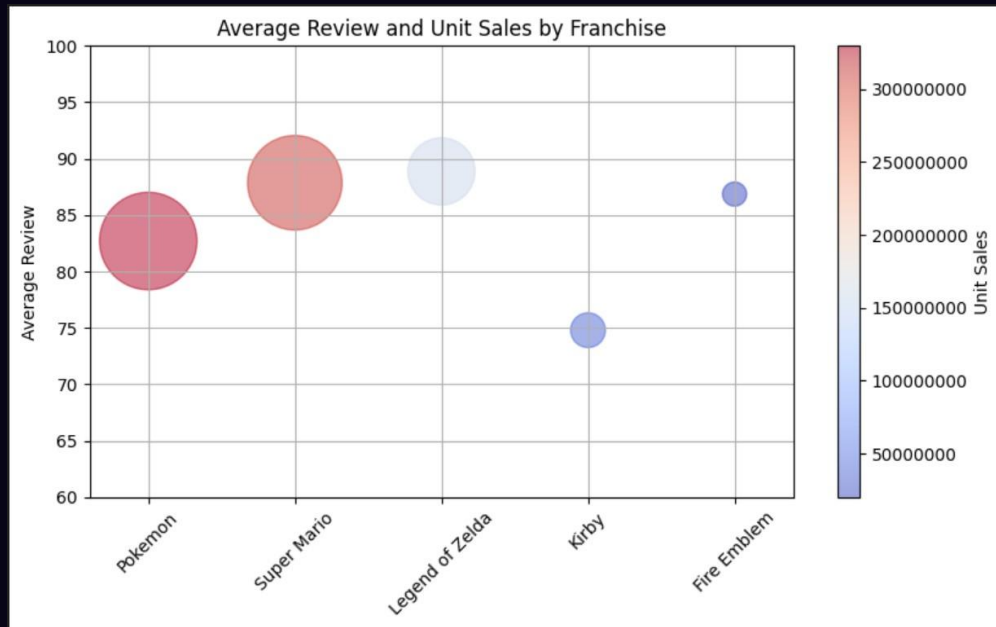
Best Selling Platform

Highest: Switch

~\$247M

Lowest: NES

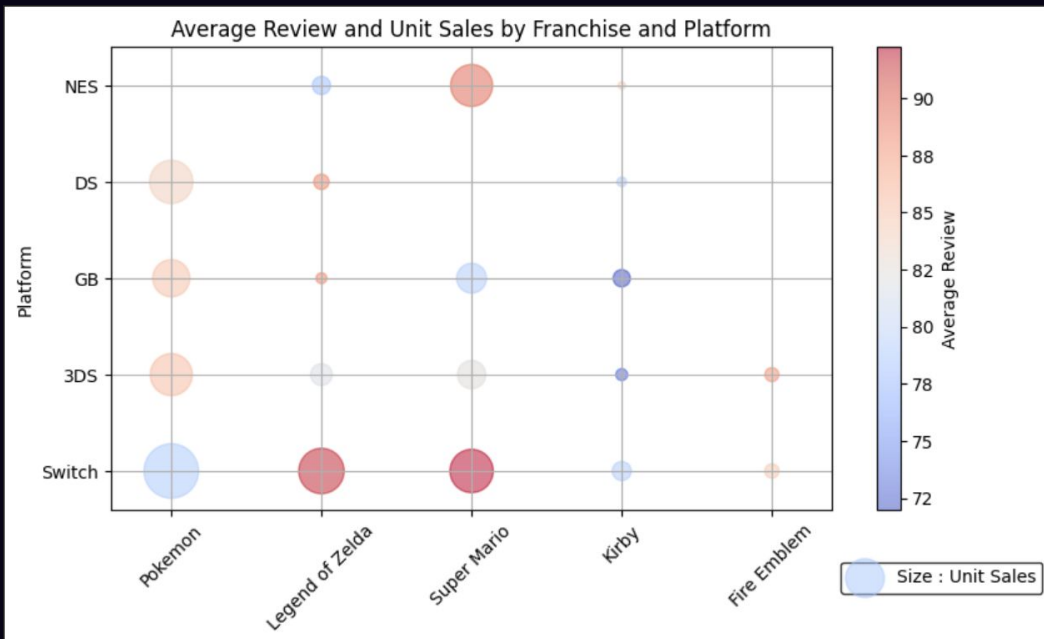
~\$71M



Reviews and Sales by Franchise

Unit sales favor Pokemon and
Super Mario Franchise

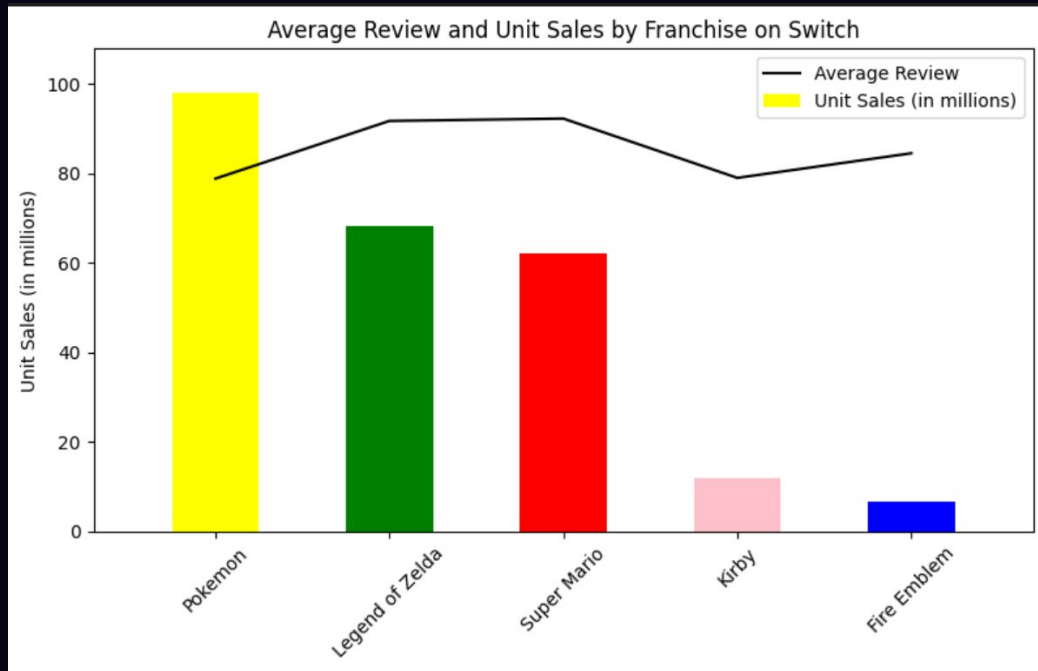
Legend of Zelda leads the way
in Average Reviews



Best Franchise by Platforms

Legend of Zelda shows better Average
Reviews across multiple platforms

Super Mario benefits from higher unit
sales on NES



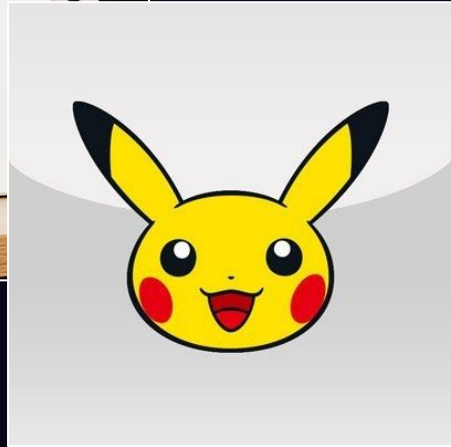
Best Franchise on the Switch

Highest Unit Sales: Pokemon

Lowest Unit Sales: Fire Emblem

Highest Average Reviews: Legend of Zelda

Lowest Average Reviews: Kirby



RESULTS

Our hypothesis was partially incorrect.

Pokemon is the “best” overall franchise, while the Nintendo Switch is the best performing platform.

On the Switch, Pokemon is still the “best” franchise.

THANK YOU



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