**Netflix Data Analysis Report**

**1. Instructions**

Question 1:

What was the most frequent movie duration in the 1990s?

→ Save the approximate answer as an integer called duration (use 1990 as the decade’s start year).

Question 2:

A movie is considered short if it is less than 90 minutes.

→ Count the number of short action movies released in the 1990s and save this integer as short\_movie\_count.

**2. Data Analysis and Findings**

(1) Most Frequent Movie Duration in the 1990s

Data preparation:

Extracted data where type == "Movie" and release\_year between 1990–1999.

Visualized movie duration distribution using a histogram.

Code Summary:

一張含有 文字, 螢幕擷取畫面, 字型, 行 的圖片

AI 產生的內容可能不正確。一張含有 文字, 螢幕擷取畫面, 圖表, 字型 的圖片

AI 產生的內容可能不正確。

Result:

The distribution shows a clear peak around 100 minutes, indicating this was the most frequent duration for movies during the 1990s.

Finding Summary:

Most 1990s movies were around 100 minutes long, showing a standard feature-length format popular during that decade.

(2) Short Action Movies in the 1990s

Data preparation:

Filtered dataset to include only 1990s action movies.

Defined short movies as those with duration < 90.

Iterated through each movie to count qualifying entries.

Code Summary:

一張含有 文字, 字型, 螢幕擷取畫面, 行 的圖片

AI 產生的內容可能不正確。一張含有 文字, 字型, 行, 數字 的圖片

AI 產生的內容可能不正確。

Result:

short\_movie\_count = 7

Finding Summary:

Only 7 action movies from the 1990s had a duration shorter than 90 minutes. This suggests that most action movies of the decade followed a longer, feature-length structure, focusing on story-driven pacing typical of that era.

**3. Conclusion**

This analysis reveals that the standard movie duration in the 1990s was around 100 minutes, while short action movies were relatively rare. The findings highlight how cinematic norms in that decade favored traditional feature-length storytelling, especially within the action genre.