A graph showing the performance of movies based on a movie source

Description automatically generated

**Purpose:**

This line graph shows the relationship between the "source" of movies and three key financial indicators: profit, production budget, and worldwide gross. The aim is to analyse how different movie sources affect these financial metrics, providing insights into which source materials are most profitable and where higher production investments yield the most returns.

**Justification:**

**Axes:** The x-axis represents different movie sources, categorizing films based on their origin or inspiration, such as toys, comics, or novels. The y-axis shows financial metrics in billions, specifically the average profit, average production budget, and average worldwide gross, allowing for a comparison of how movies from each source performed financially.

**Lines:** The graph features three distinct lines:

* **Orange:** Represents the average worldwide gross, showing the global earnings of films by source.
* **Blue:** Depicts the average profit, showing how much profit films from each source generated.
* **Light blue:** Shows the average production budget, indicating how much was invested in producing these films.

These lines help compare sources in terms of investment versus returns.

**Colour Scheme:** The choice of orange, blue, and light blue helps distinguish between the different metrics clearly. The colours ensure readability and facilitate quick visual comparisons across movie sources.

**Interpretation:**

The graph reveals significant trends in the financial performance of films based on their source material:

1. Disney Ride: This source has the highest production budgets and worldwide gross, resulting in higher profits compared to other categories.
2. Based on Toys: Films based on toys show a sharp decline in profit, production budgets, and worldwide gross, indicating overall less financial success.
3. Based on Comic/Graphic Novels: This category demonstrates moderate investment in production and a steady worldwide gross, but yields higher profits compared to many other categories. This suggests that films based on comics tend to perform well relative to their budgets.
4. Based on TV/Traditional Legends/Spin-Offs: These sources exhibit lower production budgets and profits, indicating that they are typically less profitable.
5. Remakes and Magazine Articles: These categories display similar trends, showing slightly lower financial performance than the top categories, although they maintain a moderate return on investment.