

Task 3
MIP-DA-05
Batch

ANIMATION MOVIE ANALYSIS USING POWER-BI TOOL

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AGENDA

Introduction

Import Data

Cleaning of Data

Analysis of the data

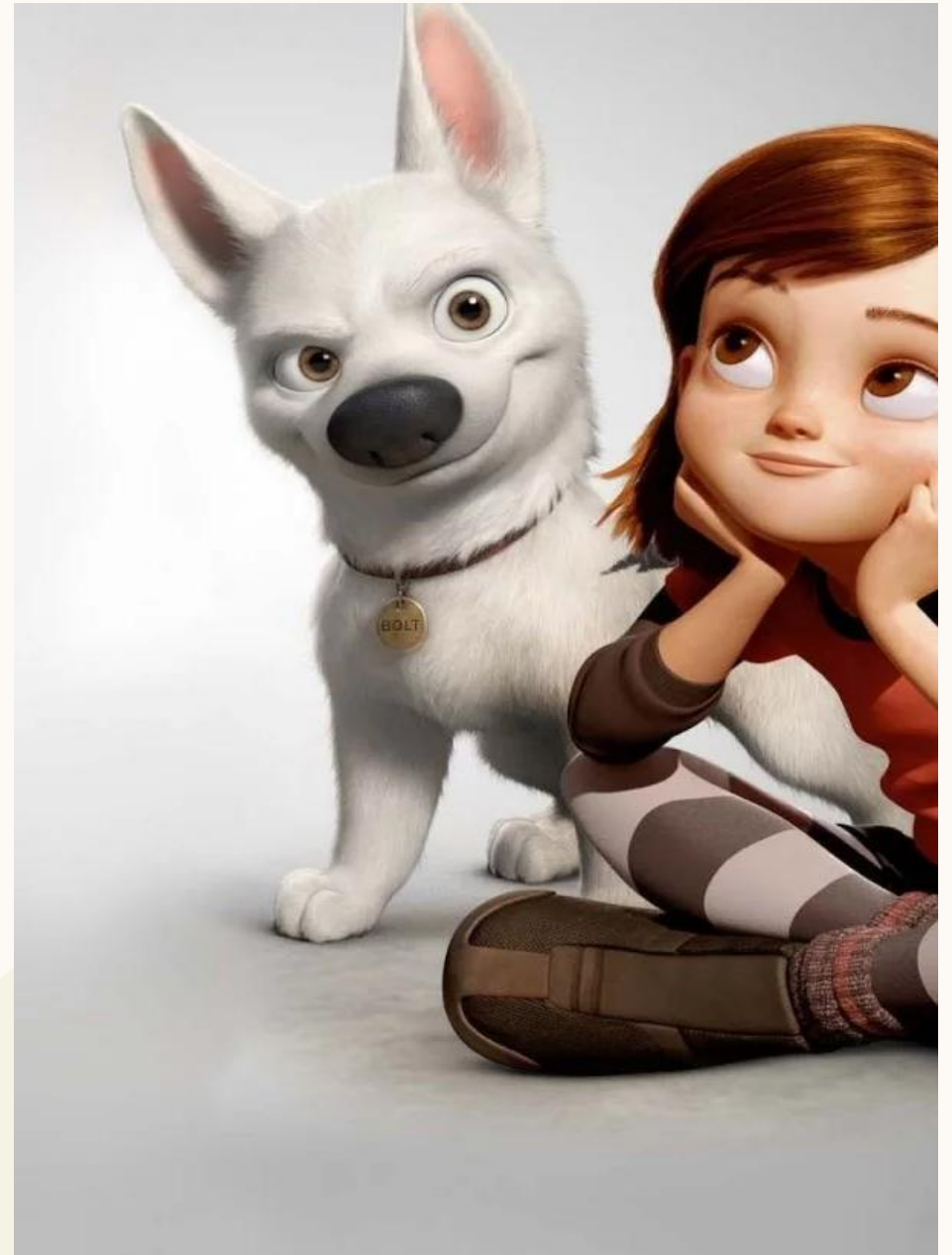
Conclusion



THE POWER OF ANALYSIS

INTRODUCTION

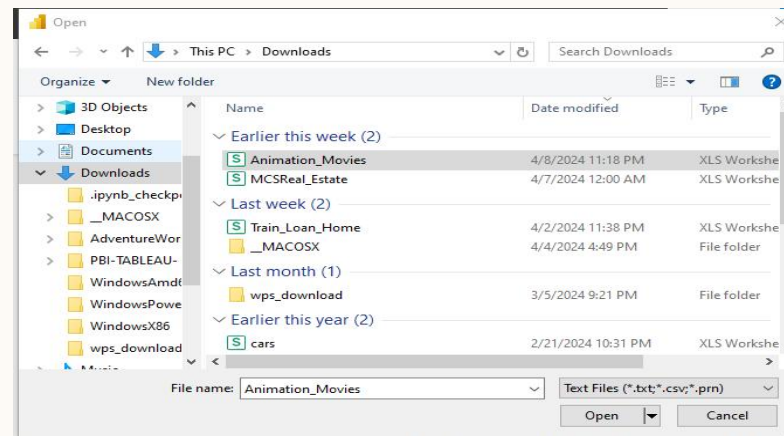
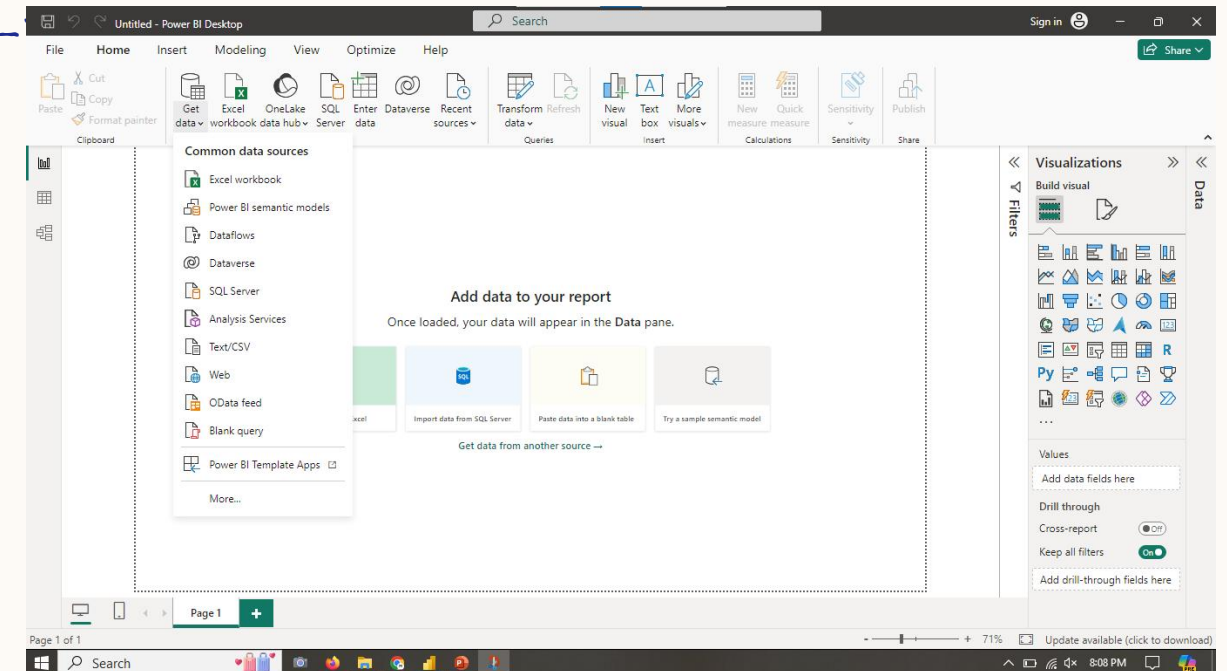
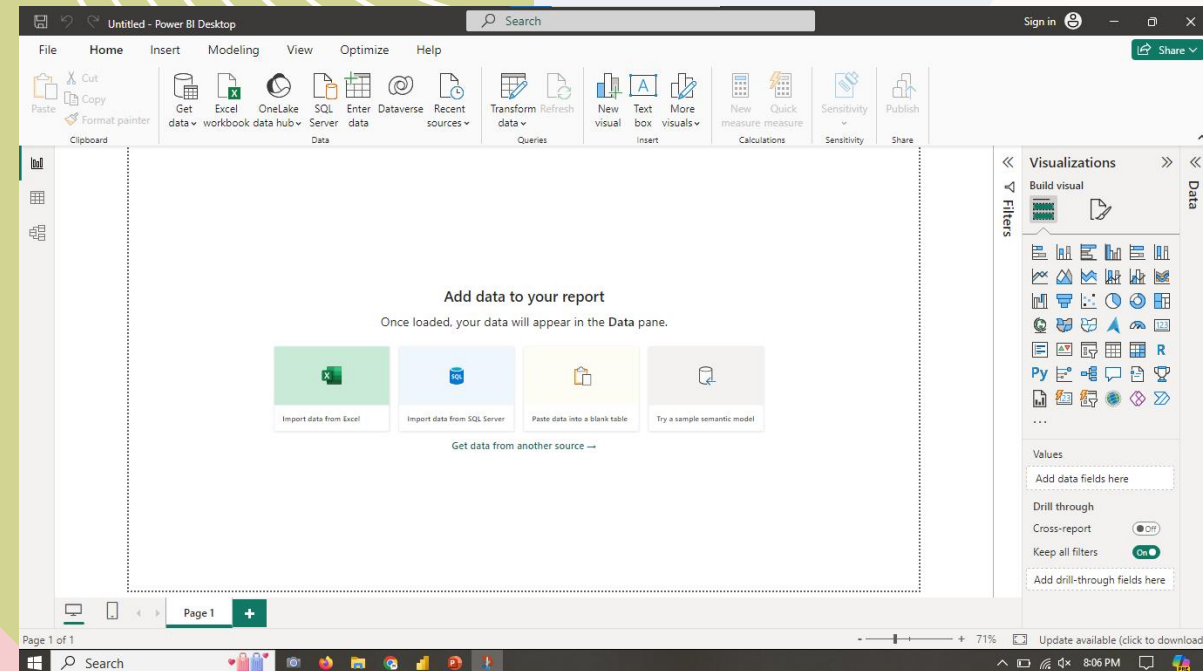
Welcome to the exciting world of animation movie analysis! In this project, we delve into the vibrant realm of animation data, employing the powerful tool of Power BI to dissect data and uncover valuable insights. Our dataset brims with crucial attributes, including movie titles, user ratings, release dates, revenue figures, and production details, offering information to explore.



IMPORT DATA

- We will first download the file given to us and then import it in Power-bi

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CLEANING OF DATA

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- After selecting the file we will clean the data so that analysis can be done
- Here we have 2 options Load and Transform Data
- We will transfer the data as we have to clean the data

Animation_Movies.csv

File Origin: 65001: Unicode (UTF-8) | Delimiter: Comma | Data Type Detection: Based on first 200 rows

id	title	vote_average	vote_count	status	release_date	revenue	runtime	adult	ba
150540	Inside Out	7.922	19463	Released	6/9/2015	857611174	95	FALSE	/29ekbclpBw
14160	Up	7.949	18857	Released	5/28/2009	735099082	96	FALSE	/hGGG9gkG7C
12	Finding Nemo	7.824	18061	Released	5/30/2003	940335536	100	FALSE	/h3uqFk7z2Rj
354912	Coco	8.222	17742	Released	10/27/2017	800526015	105	FALSE	/askg3S8Mvhqj
10681	WALL-E	8.078	17446	Released	6/22/2008	521311860	98	FALSE	/IKS5sgyt43z
585	Monsters, Inc.	7.835	17189	Released	11/1/2001	579707738	92	FALSE	/vUTVJdfbsYv
862	Toy Story	7.971	17152	Released	10/30/1995	394400000	81	FALSE	/3RthvhyLNI6s
8587	The Lion King	8.256	16991	Released	6/24/1994	763455561	89	FALSE	/yQaMQb8fyC
9806	The Incredibles	7.704	16584	Released	10/27/2004	631442092	115	FALSE	/se5Hxz7PArC
808	Shrek	7.73	15765	Released	5/18/2001	487853320	90	FALSE	/sRvXNDitGWA
2062	Ratatouille	7.809	15728	Released	6/28/2007	623726000	111	FALSE	/xgDJ56UWye
109445	Frozen	7.2	15520	Released	11/20/2013	1274219009	102	FALSE	/fydUcbkqlyE
269149	Zootopia	7.748	15230	Released	2/11/2016	1023784195	109	FALSE	/p2fRZzla6Nc
129	Spirited Away	8.539	14913	Released	7/20/2001	274925095	125	FALSE	/Ab8mkhmKkY
177572	Big Hero 6	7.738	14732	Released	10/24/2014	657827828	102	FALSE	/5rub2Kw6Nb
20352	Despicable Me	7.227	14147	Released	7/8/2010	533679475	95	FALSE	/eucnMmNRH
324857	Spider-Man: Into the Spider-Verse	8.404	14024	Released	12/6/2018	375464627	117	FALSE	/yQZQZOHko
10193	Toy Story 3	7.792	13777	Released	6/16/2010	1066969703	103	FALSE	/uAfhyskr1U
920	Cars	6.936	12906	Released	6/8/2006	461983149	117	FALSE	/sd4wXs8BtKf
863	Toy Story 2	7.589	12904	Released	10/30/1999	497366889	92	FALSE	/91qIG6VaxR

Extract Table Using Examples | Load | Transform Data | Cancel

Animation_Movies

Table.TransformColumnTypes(#"Promoted Headers",{"id", Int64.Type}, {"title", type text}, {"vote_average", type}, {"vote_count", type})

Query Settings

Name: Animation_Movies

Applied Steps

- Source
- Promoted Headers
- Changed Type

Properties

Name: Animation_Movies

ANALYSIS OF DATA

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Data exploration involves delving into the animation movie dataset to gain insights into the distribution of key variables. This process helps us understand the underlying patterns, trends, and characteristics present in the data. Here's the exploring key variables:

Movie Titles: Understanding the distribution of movie titles can provide insights of animation movies present in the dataset. It allows us to identify popular titles or recurring themes.

User Ratings: Exploring user ratings helps gauge audience reception and perception of animation movies. By analyzing the distribution of ratings, we can identify trends such as average rating, rating variability, and the presence of outliers.

Release Dates: Examining the distribution of release dates allows us to identify temporal trends in the animation movie industry. We can uncover patterns such as seasonal variations, release frequency over time, and potential correlations with other variables like revenue.

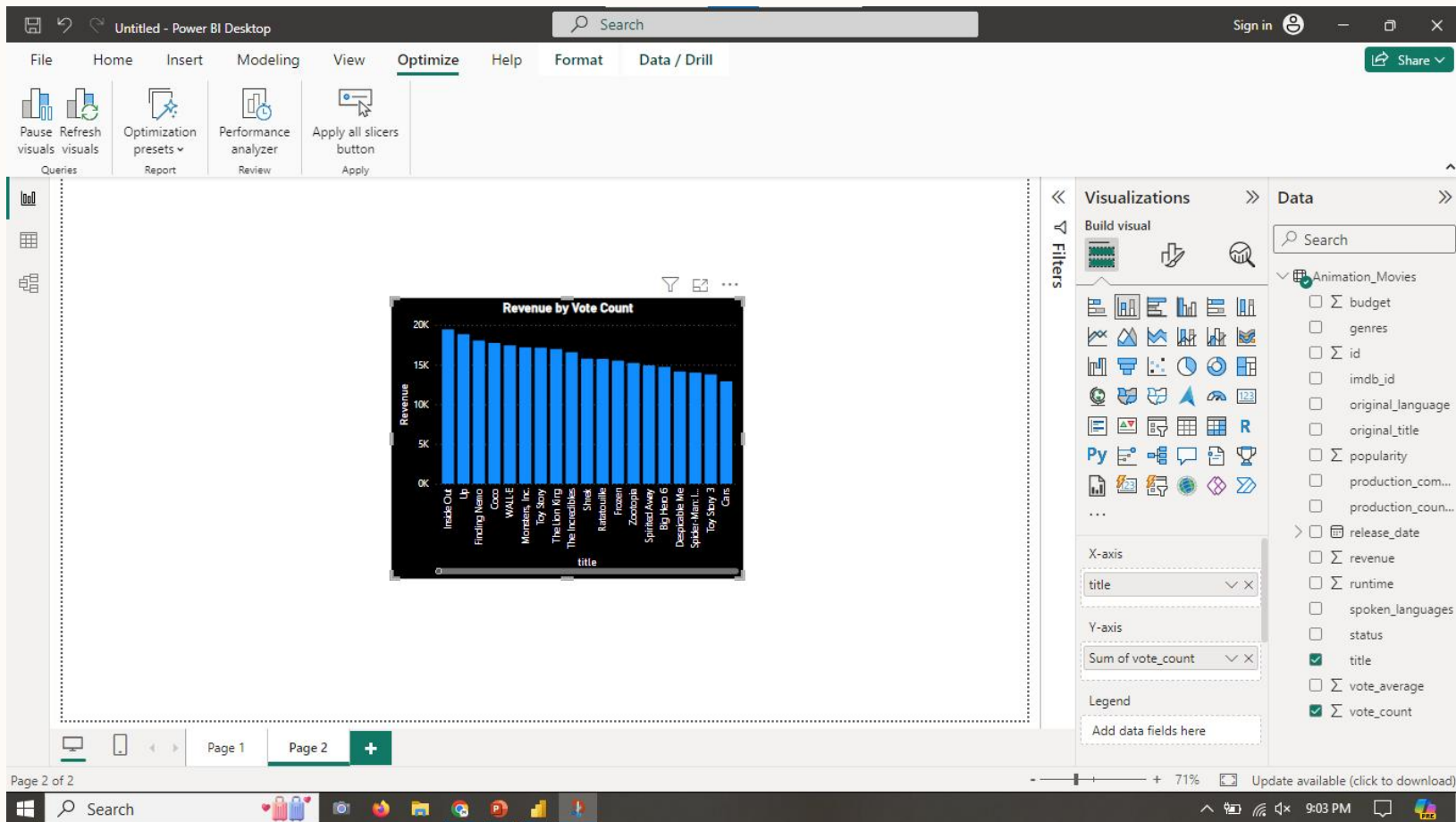
Revenue: Exploring revenue distribution provides insights into the financial performance of animation movies. It helps identify blockbuster hits, revenue outliers, and potential factors influencing financial success, such as production budget or marketing strategies.

Production Details: This variable encompasses various attributes such as production companies, directors, and genres.

By thoroughly exploring these variables, we can gain a understanding of the animation movie dataset, uncovering

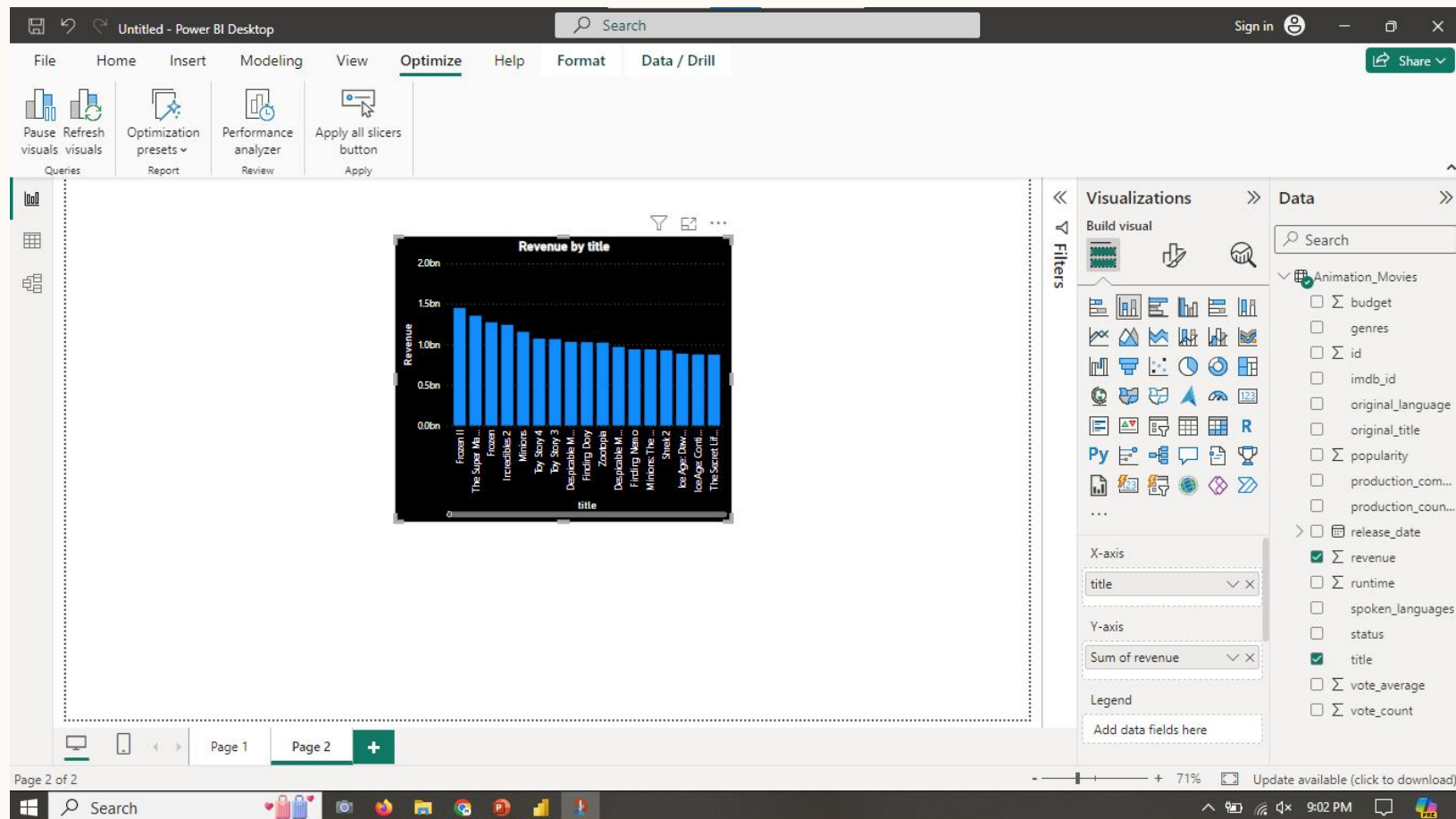
2. Audience Preferences:

- Analyze user ratings and vote counts to identify popular animation movies.



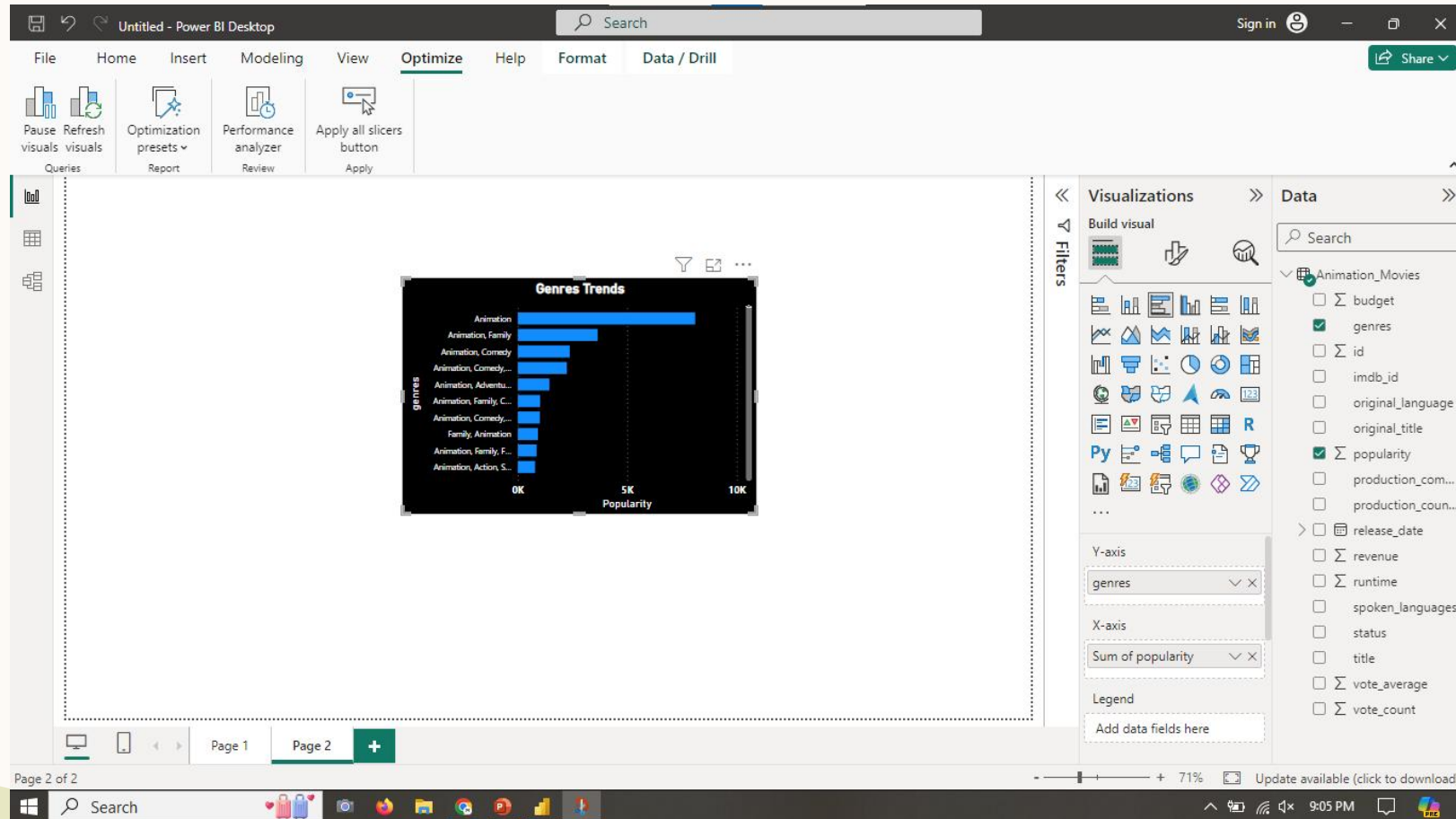
3. Revenue Analysis:

- Examine the revenue generated by animation movies and identify top-performing titles.
- For these I have use Stacked Column Bar



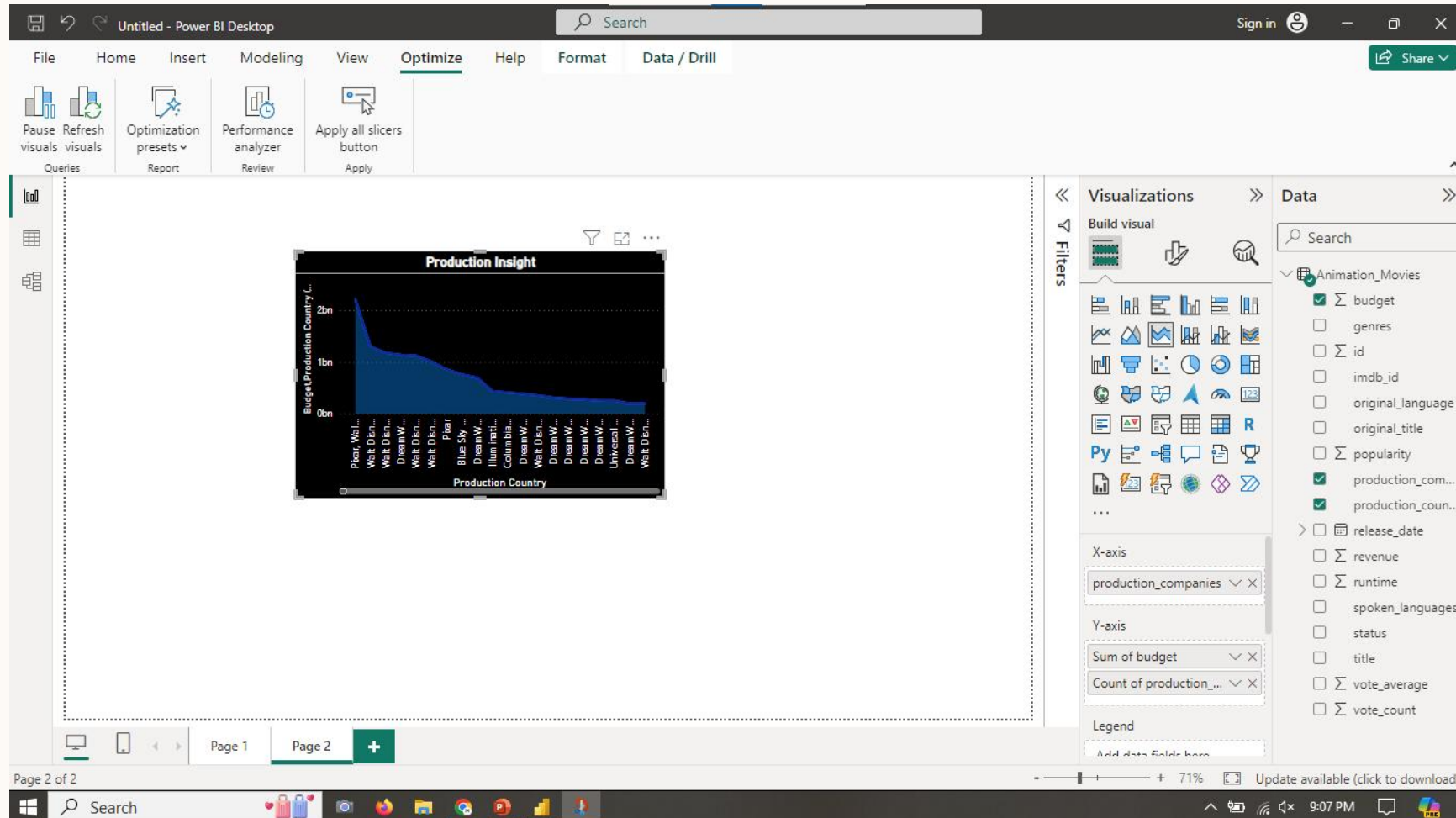
4. Genre Trends:

- Explore trends in animation movie genres and identify popular genres over time.



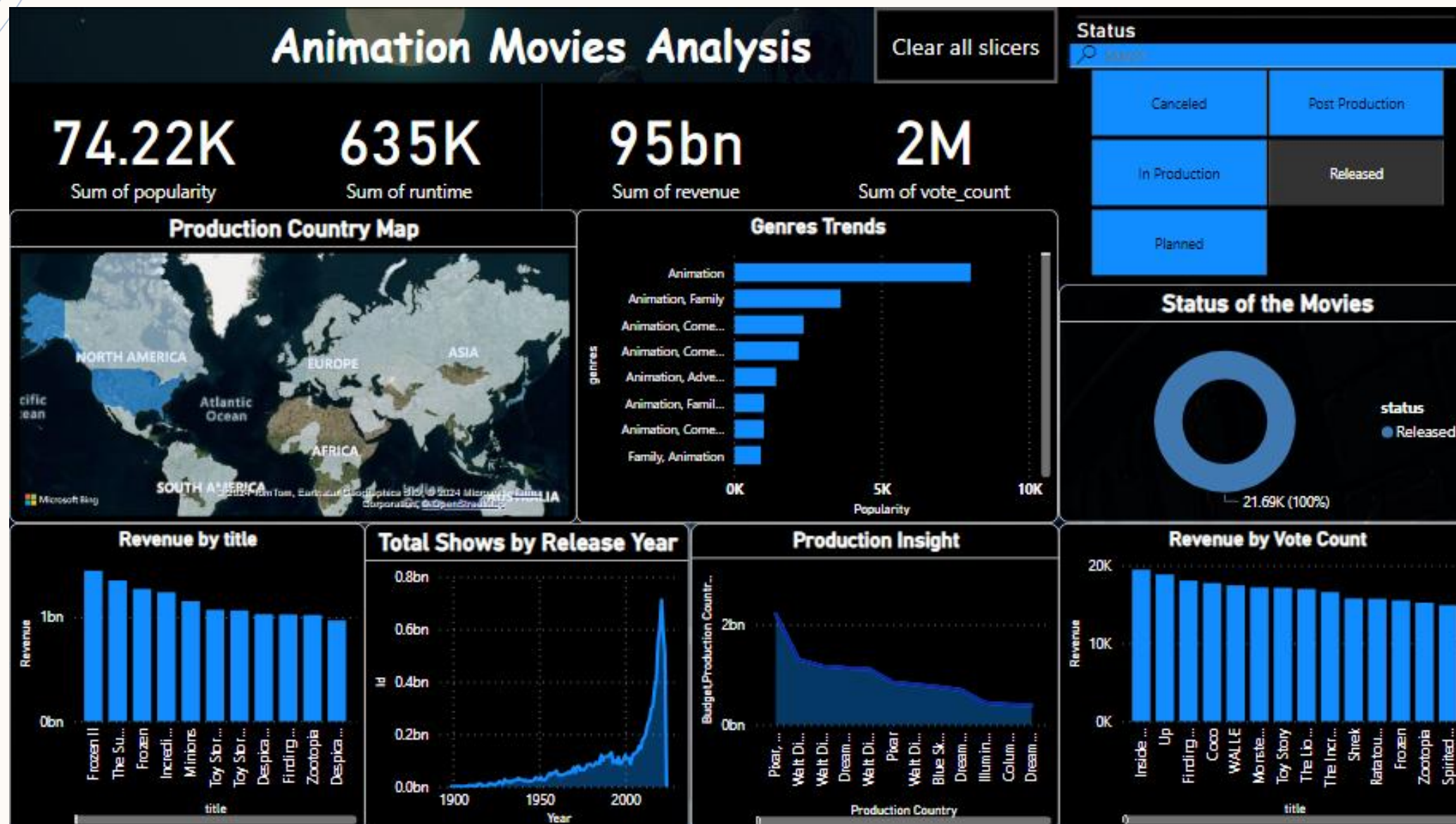
5. Production Insights:

- Analyze production details, including budgets and production companies, to identify patterns and correlations.



DASHBOARD

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CONCLUSION

- *In conclusion, our exploration of the animation movie dataset has trends.*
- *From the wide array of movie titles spanning various genres and themes to the patterns found within user ratings and revenue distribution, each variable offers unique insights into the dynamics of the animation movie industry.*
- *Together, these findings provide a comprehensive understanding of the animation movie landscape, serving as a valuable foundation for further analysis and visualization using Power BI.*
- *With these insights, stakeholders can navigate the complexities of the industry with leveraging data-driven strategies to drive innovation and success in the dynamic world of animation cinema.*



THANK YOU!!