NTViz

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Instruction to get API KEY
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☑️ Provider Instruction ⌄

Choose your provider and Enter API Key:

Provider

Gemini ⌄

Gemini API key:

•••••••••••••••••••••••••••••• 👁

Successfully connected to Gemini!

Tasks:

Functions:

Summarize & Goal ⌄

LIDA Tasks

🎮 Filter Instruction   🔴 Requirements

Instruction: ⌄

Temperature

0.70

0.00   1.00

Select Model:

gemini-1.5-flash ⌄

Upload a data file in .csv format:

☁️ **Drag and drop file here**   Browse files
   Limit 200MB per file • CSV

📄 game_info.csv 0.7MB   ✕

Successfully uploaded a CSV file with 335 rows of data.

	game_id	game_name	description
0	1	Geometry Dash SubZero	Geometry Dash is back with a brand new adventure!Jump in, brace yourself,
1	2	Word Collect - Word Games Fun	Download the best word games Free in Word Collect!Word Collect has excitir
2	3	Tap Away	Do you have what it takes to solve all the swiping levels? Connect all your bra
3	4	Sudoku - Classic Sudoku Puzzle	Enjoy the Classic Sudoku Puzzle Game for free! Immerse yourself in this ad-fr
4	5	Woodber - Classic Number Game	Woodber - perfect combination of classic number match with wood block pu

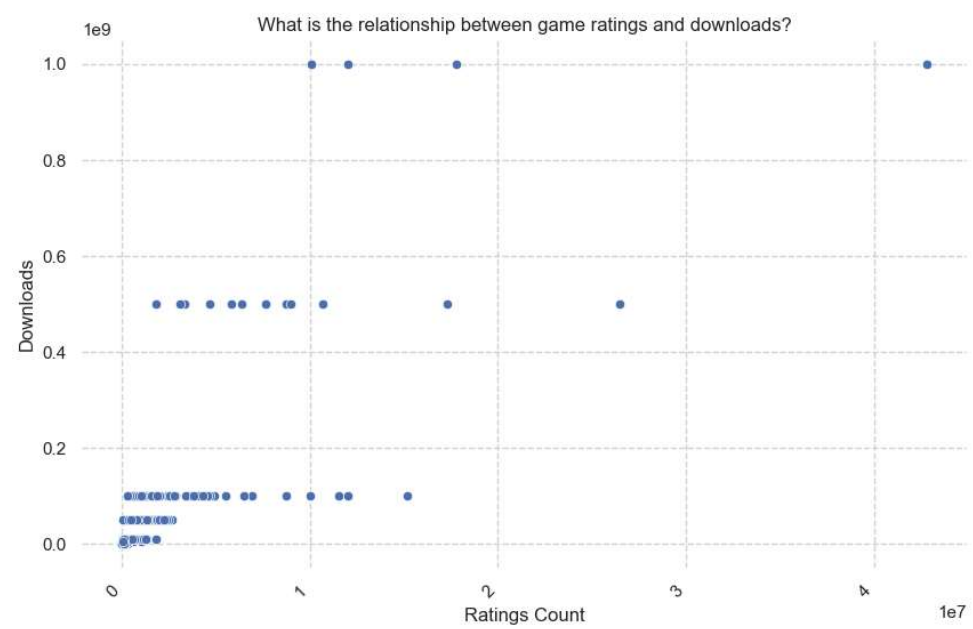No missing or duplicate values found in the data.

Generate Charts

✷ Insight 0:

main() `Goal` Goal(question='What is the relationship between game ratings and downloads?', visualization="Scatter plot of 'ratings_count' vs 'downloads'", rationale="This visualization will reveal if there's a correlation between the number of ratings a game receives and its download count. A strong positive co...

A visualization goal	
index `int`	0
question `str`	'What is the relationship between game ratings and downloads?'
rationale `str`	"This visualization will reveal if there's a correlation between the number of ratings a game receives and its download count. A strong positive correlation would suggest that higher ratings lead to more downloads, while a weak or negative correlation would indicate other factors are more influenti...
visualization `str`	"Scatter plot of 'ratings_count' vs 'downloads'"

What is the relationship between game ratings and downloads?

°★৲ʊ•☙•?ʊ Download Chart °★

⚙ VizOps ⌄

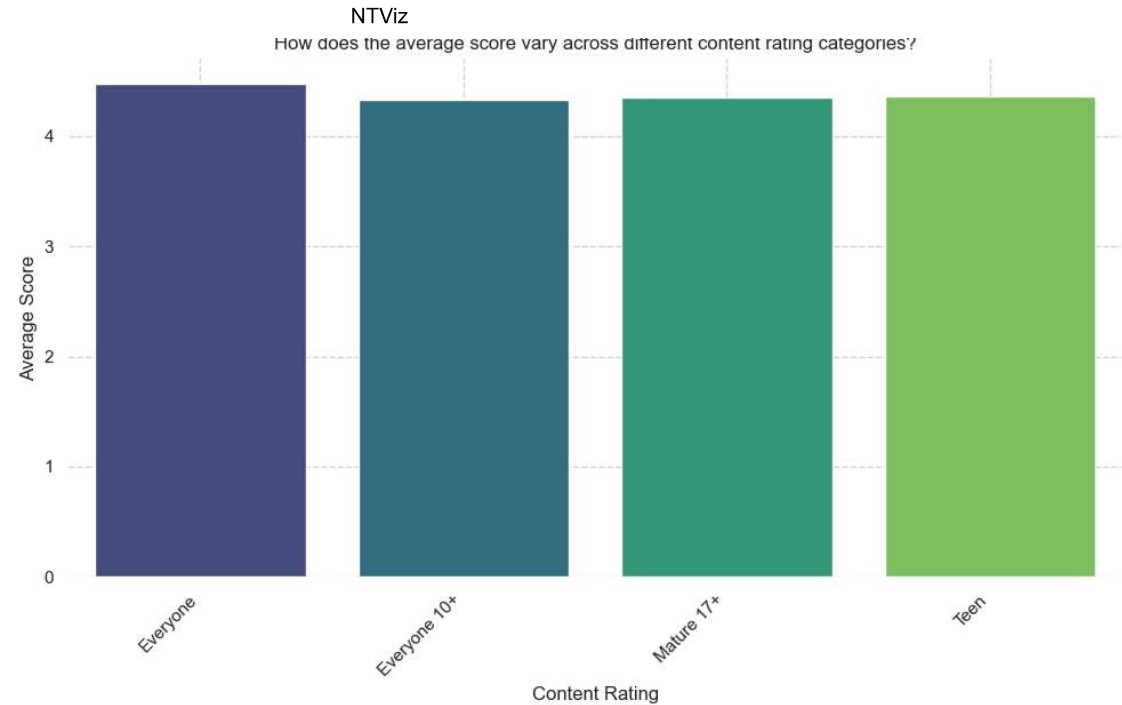## ✷ Insight 1:

> **main()** `Goal` Goal(question='How does the average score vary across different content rating categories?', visualization="Bar chart showing average 'score' for each 'content_rating'", rationale="This will show if there's a difference in average scores based on the game's content rating ('content_rating' is catego...

A visualization goal	
index `int`	1
question `str`	'How does the average score vary across different content rating categories?'
rationale `str`	"This will show if there's a difference in average scores based on the game's content rating ('content_rating' is categorical, 'score' is numerical; a bar chart is suitable for comparing averages across categories). This could highlight potential biases in ratings based on age appropriateness."
visualization `str`	"Bar chart showing average 'score' for each 'content_rating'"

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How does the average score vary across different content rating categories?

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✷ Insight 2:

main() Goal Goal(question='What are the most frequent categories of games, and how many downloads do they have?', visualization="Bar chart of the top 10 most frequent categories from 'categories' field, showing the total 'downloads' for each.", rationale="This addresses the frequency of game categories and thei...
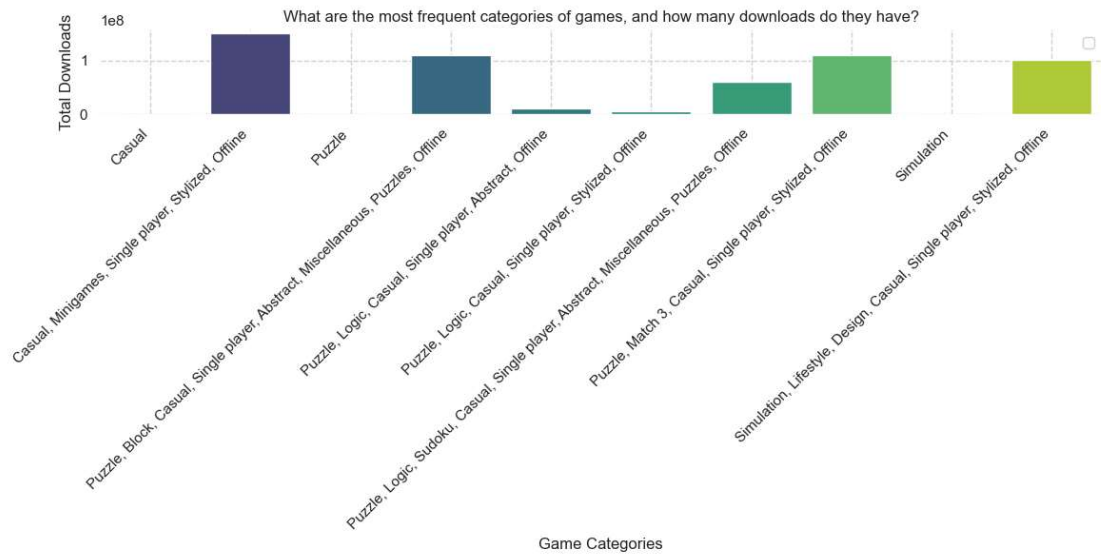
A visualization goal

index int	2	
question str	'What are the most frequent categories of games, and how many downloads do they have?'	
rationale str	"This addresses the frequency of game categories and their download success. We'll need to process the 'categories' field (string, multi-	

	valued) to count occurrences of each category and sum downloads for each. A bar chart effectively visualizes the top categories and their relative download succe...
visualization `str`	"Bar chart of the top 10 most frequent categories from 'categories' field, showing the total 'downloads' for each."

What are the most frequent categories of games, and how many downloads do they have?
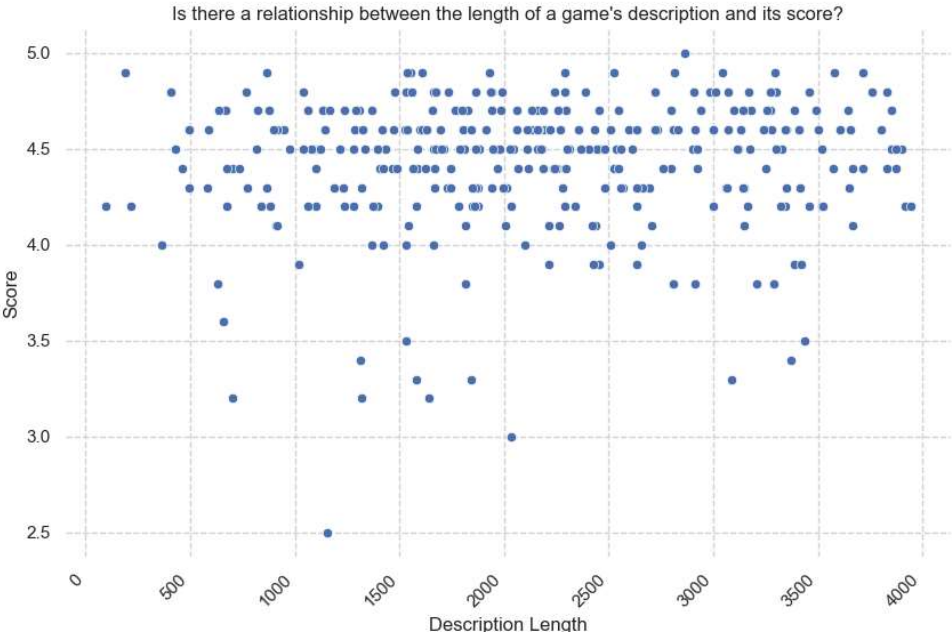
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✷ Insight 3:

main() `Goal` Goal(question="Is there a relationship between the length of a game's description and its score?", visualization="Scatter plot of description length (calculated from 'description') vs 'score'", rationale="This explores whether more detailed descriptions correlate with higher scores. We'll need to pr...

A visualization goal

index `int`	3

question str	"Is there a relationship between the length of a game's description and its score?"
rationale str	"This explores whether more detailed descriptions correlate with higher scores. We'll need to pre-process the data to calculate the length of each description string. A scatter plot will show the relationship, or lack thereof, between description length and score."
visualization str	"Scatter plot of description length (calculated from 'description') vs 'score'"

Is there a relationship between the length of a game's description and its score?
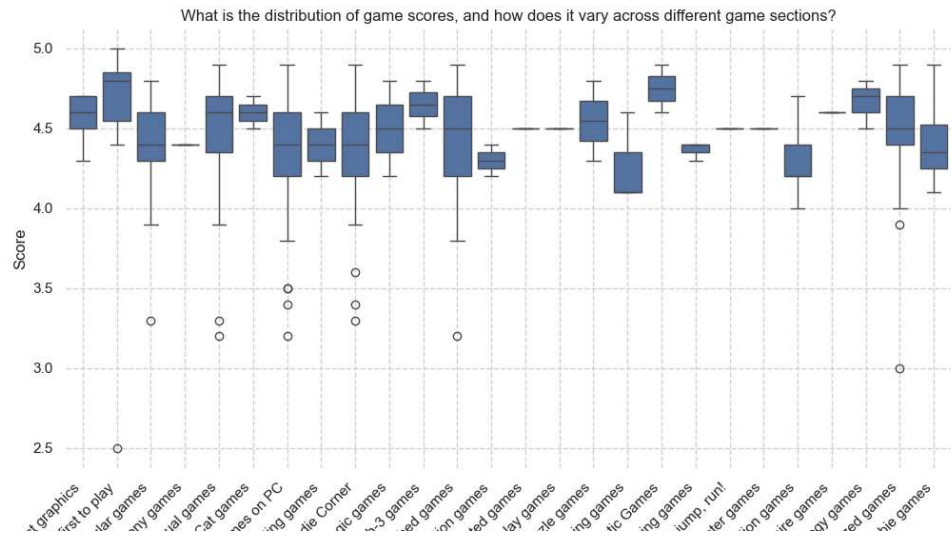
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✷ Insight 4:

```
main() Goal Goal(question='What is the distribution of game scores, and how does it vary
across different game sections?', visualization="Box plot of 'score' for each category
```

in the 'section' field", rationale="This visualization will show the distribution
(median, quartiles, outliers) of game scores within ea...

A visualization goal

index int	4
question str	'What is the distribution of game scores, and how does it vary across different game sections?'
rationale str	"This visualization will show the distribution (median, quartiles, outliers) of game scores within each game section. This allows for a comparison of score distributions across different sections ('section' is categorical, 'score' is numerical), revealing potential differences in game quality or pl...
visualization str	"Box plot of 'score' for each category in the 'section' field"

What is the distribution of game scores, and how does it vary across different game sections?

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