

[Home](#)[Dashboard](#)[Instruction to get API KEY](#)[Overview](#)[Data Report](#)[LIDA's functions](#)**LIDA Tasks**☒ Sections☒ 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

0.30

0.00

1.00

Select Model:

gemini-1.5-flash

Upload a data file in .csv format:



Drag and drop file here

Limit 200MB per file • CSV

Browse files



FilmDetails.csv 1.0MB



Successfully uploaded a CSV file with 9718 rows of data.

	id	director	top_billed	budget_us
0	1	Frank Darabont	Tim Robbins, Morgan Freeman, Bob Gunton, William Sadler, Clancy Brown	25,000,00
1	2	Francis Ford Coppola	Marlon Brando, Al Pacino, James Caan, Robert Duvall, Richard S. Castellano	6,000,00
2	3	Francis Ford Coppola	Al Pacino, Robert Duvall, Diane Keaton, Robert De Niro, John Cazale	13,000,00
3	4	Steven Spielberg	Liam Neeson, Ben Kingsley, Ralph Fiennes, Caroline Goodall, Jonathan Sagall	22,000,00
4	5	Sidney Lumet	Martin Balsam, John Fiedler, Lee J. Cobb, E.G. Marshall, Jack Klugman	397,75

Data cleaned!

Generate Charts

✳️ Insight 0:

```
main() Goal Goal(question='What is the relationship between film budget and revenue?',
visualization="Scatter plot of 'budget_usd' vs 'revenue_usd'", rationale='This
visualization will reveal the correlation between production budget and box office
revenue. A strong positive correlation would indicate that hig...
```

A visualization goal

index	int	0
question	str	'What is the relationship between film budget and revenue?'
rationale	str	'This visualization will reveal the correlation between production budget and box office revenue. A strong positive correlation would indicate that higher budgets generally lead to higher revenues, while a weak or negative correlation would suggest other factors are more influential. Outliers coul...
visualization	str	"Scatter plot of 'budget_usd' vs 'revenue_usd'"



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✳ Insight 1:

```
main() Goal(Goal(question='Which directors have the highest average revenue?',
visualization="Bar chart of average 'revenue_usd' for each unique 'director'",
rationale='This will identify directors whose films tend to generate the highest
revenue. It helps understand directorial impact on box office success, c...
```

A visualization goal

```
index int 1
```

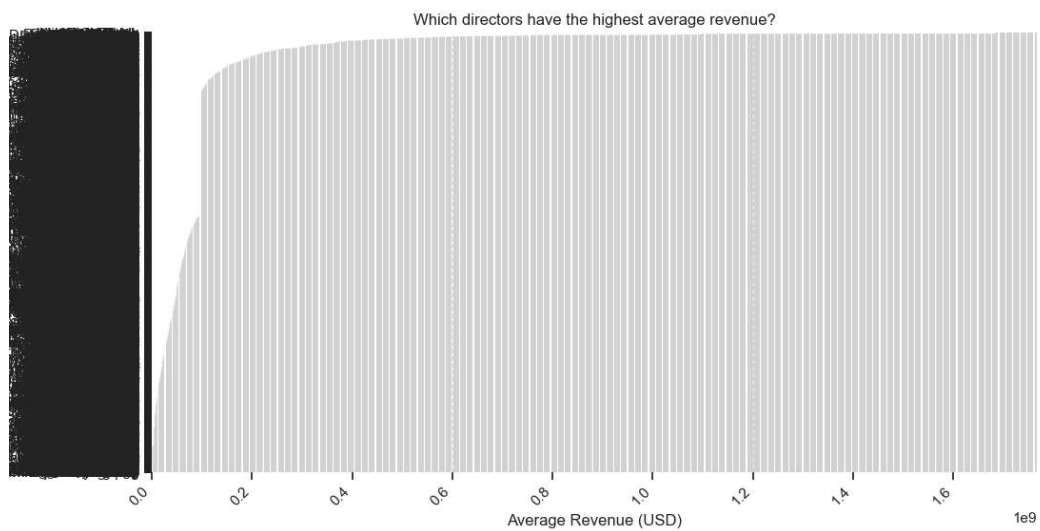
```
question str 'Which directors have the highest average revenue?'
```

```

    rationale str
    'This will identify directors whose films tend to generate the highest
    revenue. It helps understand directorial impact on box office success,
    considering that the number of films per director might vary.'

```

```
visualization str "Bar chart of average 'revenue_usd' for each unique 'director'"
```



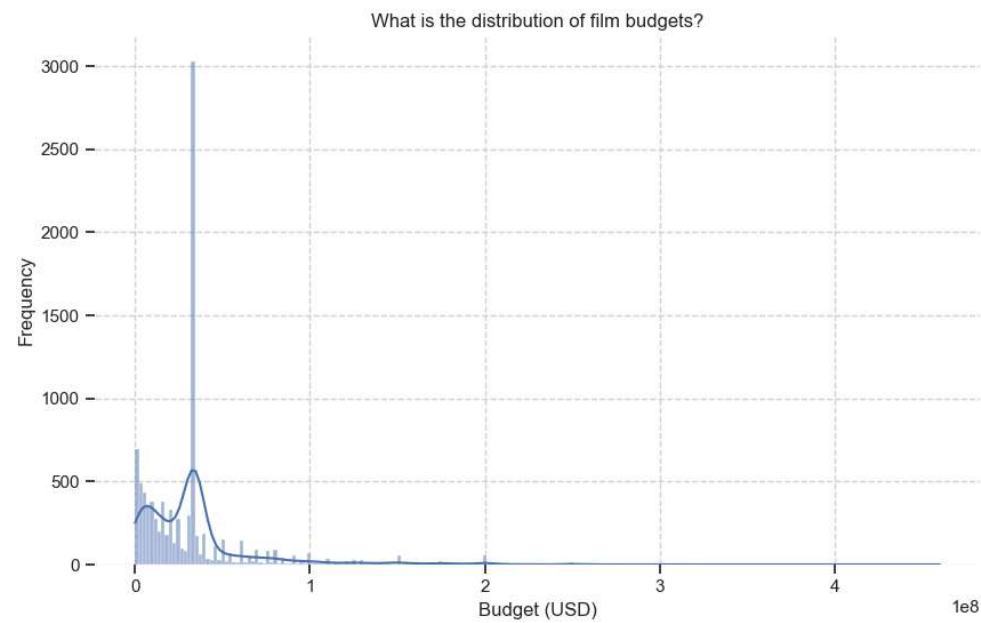
[°*彡•ღ•?彡 Download Chart °*](#)

✳ Insight 2:

```
main() Goal Goal(question='What is the distribution of film budgets?',  
visualization="Histogram of 'budget_usd'", rationale='This histogram will show the  
frequency distribution of film budgets, revealing whether budgets are concentrated  
around a specific value or widely spread. This helps understand the typical...
```

A visualization goal

index <code>int</code>	2
question <code>str</code>	'What is the distribution of film budgets?'
rationale <code>str</code>	'This histogram will show the frequency distribution of film budgets, revealing whether budgets are concentrated around a specific value or widely spread. This helps understand the typical budget range for films in this dataset.'
visualization <code>str</code>	"Histogram of 'budget_usd'"



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✳ Insight 3:

```
main() Goal Goal(question='Is there a correlation between budget and the number of top-billed actors?', visualization="Scatter plot of 'budget_usd' vs the number of actors listed in 'top_billed' (after splitting the string by comma)", rationale="This explores whether higher-budget films tend to have more top-bi...
```

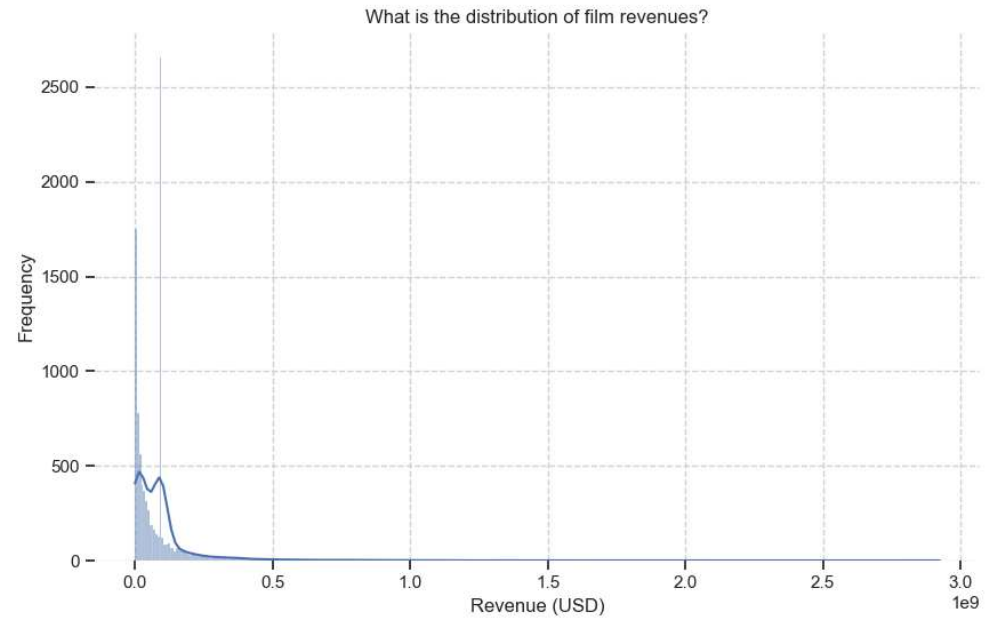
A visualization goal

index	int	3
question	str	'Is there a correlation between budget and the number of top-billed actors?'
rationale	str	"This explores whether higher-budget films tend to have more top-billed actors. This requires pre-processing to count the number of actors

	listed in the 'top_billed' field. It helps understand resource allocation in film production."
visualization str	"Scatter plot of 'budget_usd' vs the number of actors listed in 'top_billed' (after splitting the string by comma)"

✳ Insight 4:

<pre>main() Goal Goal(question='What is the distribution of film revenues?', visualization="Histogram of 'revenue_usd'", rationale='Similar to the budget distribution, this histogram will show the frequency distribution of film revenues. This helps understand the typical revenue range for films and identify potentia...</pre>	
A visualization goal	
index int	4
question str	'What is the distribution of film revenues?'
rationale str	'Similar to the budget distribution, this histogram will show the frequency distribution of film revenues. This helps understand the typical revenue range for films and identify potential outliers (extremely high or low-performing films).'
visualization str	"Histogram of 'revenue_usd'"



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