NTViz

🏠 **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

                                   0.70
                                     ⬤

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

📄   political-contributions.csv   7.0KB   ✕

Successfully uploaded a CSV file with 58 rows of data.

⬇ 🔍 ⛶

	eginning_Cash	Ending_Cash	Contributions_from_Candidate	Loans_from_Candidate	Other_Loans	Candidate_Loa
0	0	0	3,500	0	0	
1	0	0	0	0	0	
2	8,240.37	74.82	0	0	0	
3	0	0	0	0	0	
4	3,088.7	0	0	0	0	

Data cleaned!

Generate Charts

✳ Insight 0:

```
main() Goal Goal(question='What is the relationship between total receipts and total
disbursements across different party affiliations?', visualization='Scatter plot of
Total_Receipts vs. Total_Disbursements, colored by Party_Affiliation', rationale="This
visualization will reveal if there's a correlation betwe...
```

A visualization goal	
index int	0
question str	'What is the relationship between total receipts and total disbursements across different party affiliations?'
rationale str	"This visualization will reveal if there's a correlation between fundraising and spending for different parties. The use of color will highlight potential party-specific spending patterns. Analyzing the spread of points for each party will reveal variations in campaign finance strategies."
visualization str	'Scatter plot of Total_Receipts vs. Total_Disbursements, colored by Party_Affiliation'

What is the relationship between total receipts and total disbursements across different party affiliations?
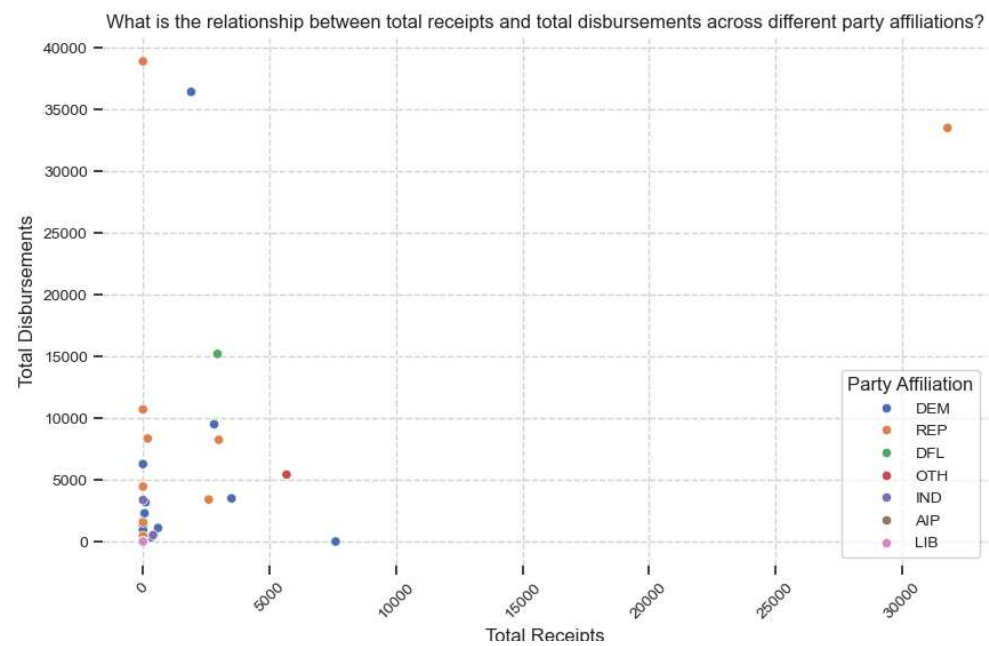
°★彡つ•ϧ•ʔつ Download Chart °★

⚙ VizOps ⌄

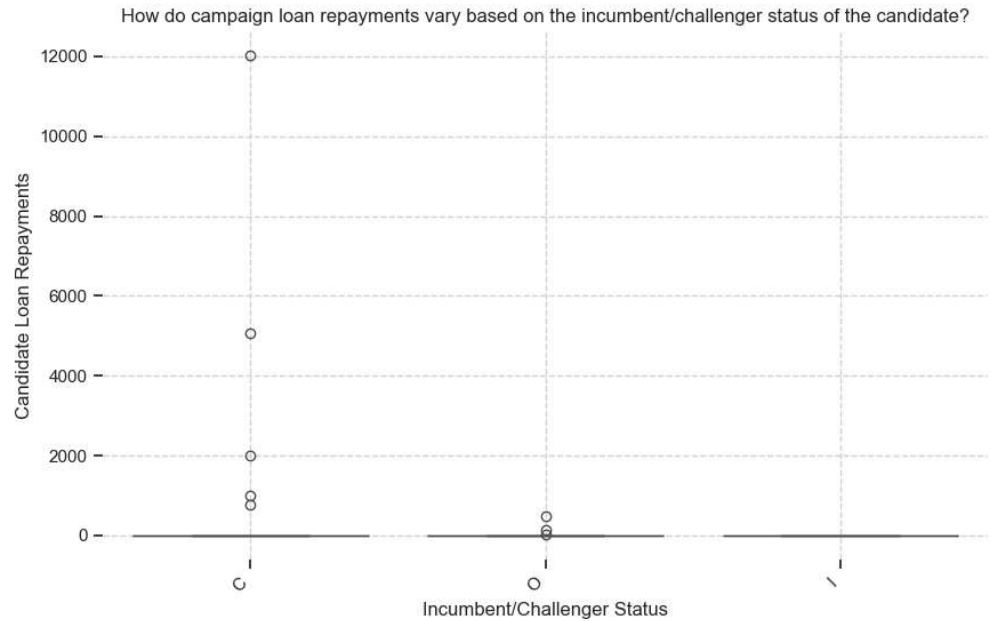## ✴ Insight 1:

main() Goal Goal(question='How do campaign loan repayments vary based on the incumbent/challenger status of the candidate?', visualization='Box plot of Candidate_Loan_Repayments grouped by Incumbent_Challenger_Status', rationale='This will show the distribution and central tendency of loan repayments for incumb...	
A visualization goal	
index int	1
question str	'How do campaign loan repayments vary based on the incumbent/challenger status of the candidate?'
rationale str	'This will show the distribution and central tendency of loan repayments for incumbents versus challengers, highlighting potential differences in their financial strategies and debt management.'
visualization str	'Box plot of Candidate_Loan_Repayments grouped by Incumbent_Challenger_Status'

How do campaign loan repayments vary based on the incumbent/challenger status of the candidate?

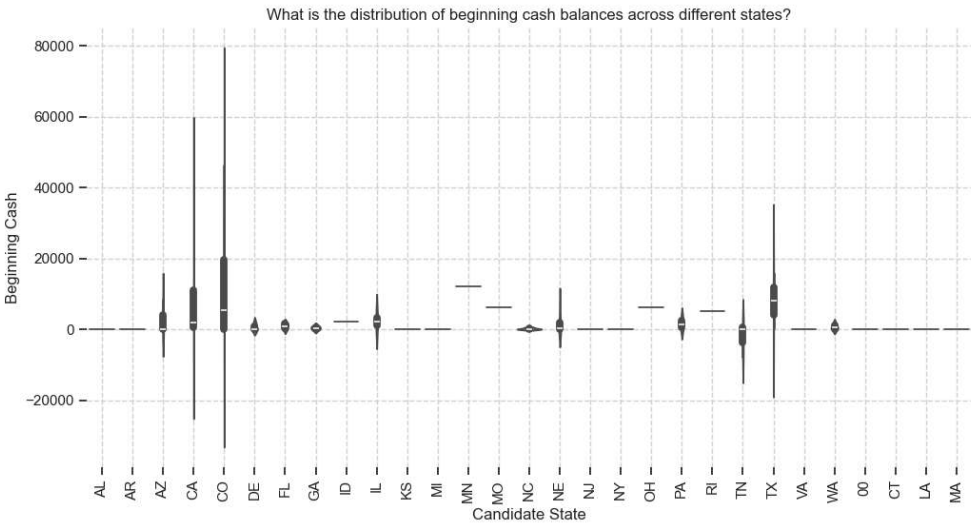°★ ʃ ⊃ • ℘ • ? ⊃ Download Chart °★

⚙ VizOps ⌄

✴ Insight 2:

```
main() Goal Goal(question='What is the distribution of beginning cash balances across
different states?', visualization='Violin plot of Beginning_Cash grouped by
Candidate_State', rationale='This visualization will illustrate the variation in
starting financial resources across states, providing insights into t...
```

A visualization goal

index int	2
question str	'What is the distribution of beginning cash balances across different states?'
rationale str	'This visualization will illustrate the variation in starting financial resources across states, providing insights into the influence of

	geographic location on campaign finances. A violin plot combines box plot information with a kernel density estimation to show both distribution and density.'
visualization `str`	'Violin plot of Beginning_Cash grouped by Candidate_State'

What is the distribution of beginning cash balances across different states?

°★˟つ•ஐ•˟つ Download Chart °★

⚙ VizOps ⌄

✸ Insight 3:

|	
main() `Goal`	Goal(question='Is there a correlation between total individual contributions and the total receipts?', visualization='Scatter plot of Total_Individual_Contributions vs. Total_Receipts', rationale='This will explore the relationship between small-dollar donations and overall fundraising success. The ...

A visualization goal

index `int`	3
question `str`	'Is there a correlation between total individual contributions and the total receipts?'

rationale str	'This will explore the relationship between small-dollar donations and overall fundraising success. The strength and direction of the correlation will indicate the reliance on individual contributions compared to other funding sources.'
visualization str	'Scatter plot of Total_Individual_Contributions vs. Total_Receipts'

Is there a correlation between total individual contributions and the total receipts?
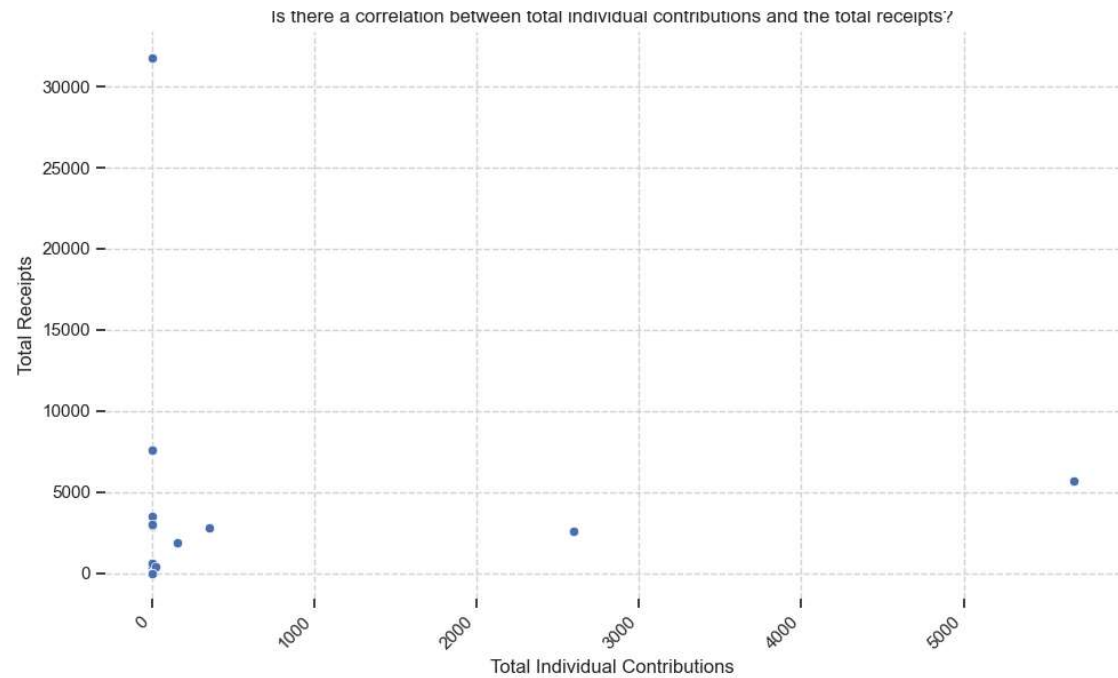
˚⋆˚੭•ﻌ•୨ Download Chart ˚⋆

⚙ VizOps ⌄

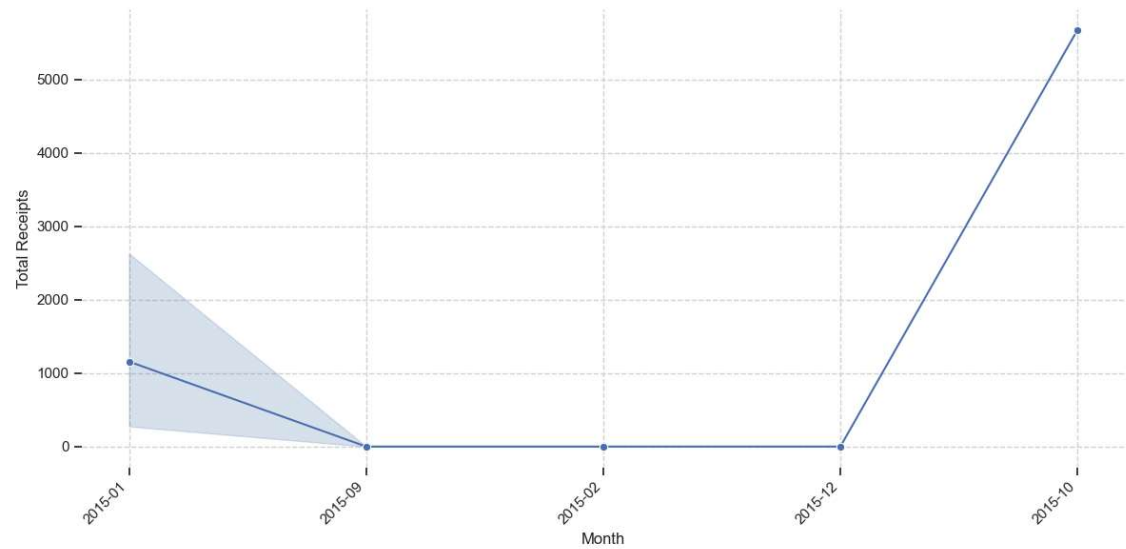
✳ Insight 4:

```
main() Goal Goal(question='How do total receipts change over time (by month)?',
visualization='Line chart of Total_Receipts over time using Coverage_End_Date (after
converting to a datetime object and extracting month)', rationale='This time-series
analysis will illustrate the fundraising trend throughout the c...
```

A visualization goal

index int	4
question str	'How do total receipts change over time (by month)?'
rationale str	'This time-series analysis will illustrate the fundraising trend throughout the campaign period, potentially revealing peaks and valleys in contributions. Extracting the month from the date allows for a high level view into seasonal trends.'
visualization str	'Line chart of Total_Receipts over time using Coverage_End_Date (after converting to a datetime object and extracting month)'

˚⋆ʕっ•ᴥ•ʔっ Download Chart ˚⋆

⚙ VizOps ⌄