

[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



budget.csv 111.5KB



Successfully uploaded a CSV file with 237 rows of data.

	Source Category Code	Source category name	Source subcategory	Source subcategory name	Agency code	Agency name
0	931	Individual Income Taxes	0	Individual Income Taxes	9	Department of Social Services
1	931	Individual Income Taxes	0	Individual Income Taxes	9	Department of Social Services
2	931	Individual Income Taxes	0	Individual Income Taxes	15	Department of Social Services
3	931	Individual Income Taxes	0	Individual Income Taxes	901	Governor's Office
4	931	Individual Income Taxes	0	Individual Income Taxes	901	Governor's Office

No missing or duplicate values found in the data.


Generate Charts

✳ Insight 0:

<pre>main() Goal Goal(question="What is the yearly trend of revenue for each 'Source category name' from 1962 to 2020, and how does this trend vary across categories?", visualization="A line chart with 'Source category name' on the x-axis, years (1962-2020) as separate lines, and the sum of numerical values from col...</pre>	
A visualization goal	
index int	0
question str	"What is the yearly trend of revenue for each 'Source category name' from 1962 to 2020, and how does this trend vary across categories?"
rationale str	"This visualization uses the 'Source category name' to group revenue data across years. By summing the numerical values across all years for each category, we can observe the overall yearly trend and compare the growth or decline of different revenue sources over time. This helps identify major con...
visualization str	"A line chart with 'Source category name' on the x-axis, years (1962-2020) as separate lines, and the sum of numerical values from columns '1962' to '2020' (converted to numeric) as the y-axis. A separate line should be plotted for each 'Source category name'."

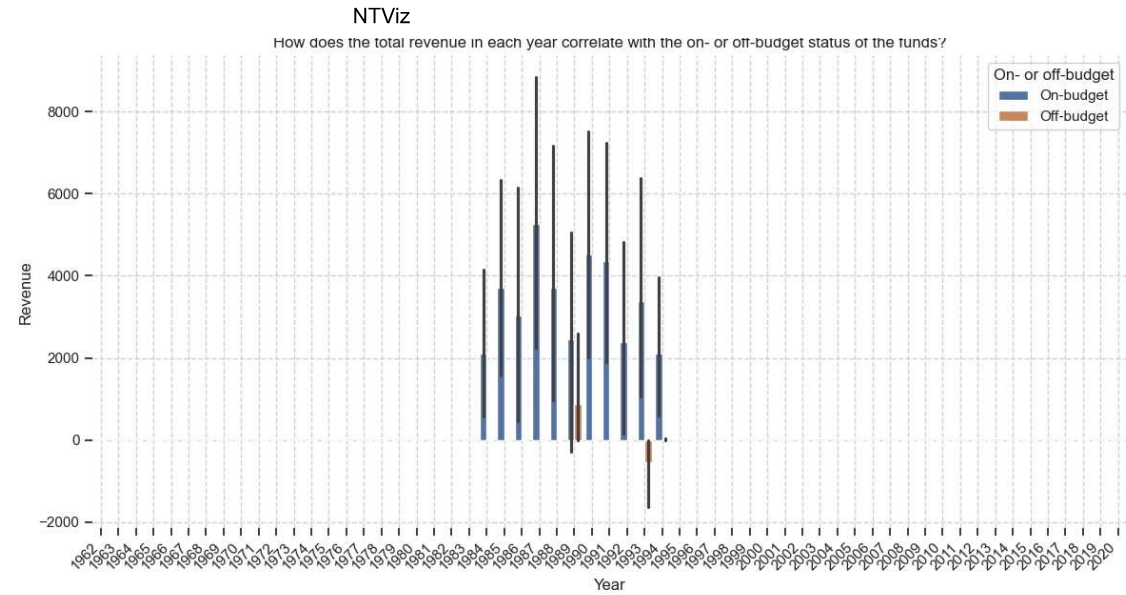


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✱ Insight 1:

<pre>main() Goal Goal(question='How does the total revenue in each year correlate with the on- or off-budget status of the funds?', visualization="A grouped bar chart showing total revenue (sum of numeric values from '1962' to '2020' columns) for each year, grouped by 'On- or off-budget'." , rationale="This visualiza...</pre>	
A visualization goal	
index int	1
question str	'How does the total revenue in each year correlate with the on- or off-budget status of the funds?'
rationale str	"This visualization uses the 'On- or off-budget' field to segment the total revenue for each year. Comparing the total revenue of on-budget and off-budget items over time reveals the relative contribution of each to the overall budget and potential shifts in budgetary priorities."
visualization str	"A grouped bar chart showing total revenue (sum of numeric values from '1962' to '2020' columns) for each year, grouped by 'On- or off-budget'."



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✳ Insight 2:

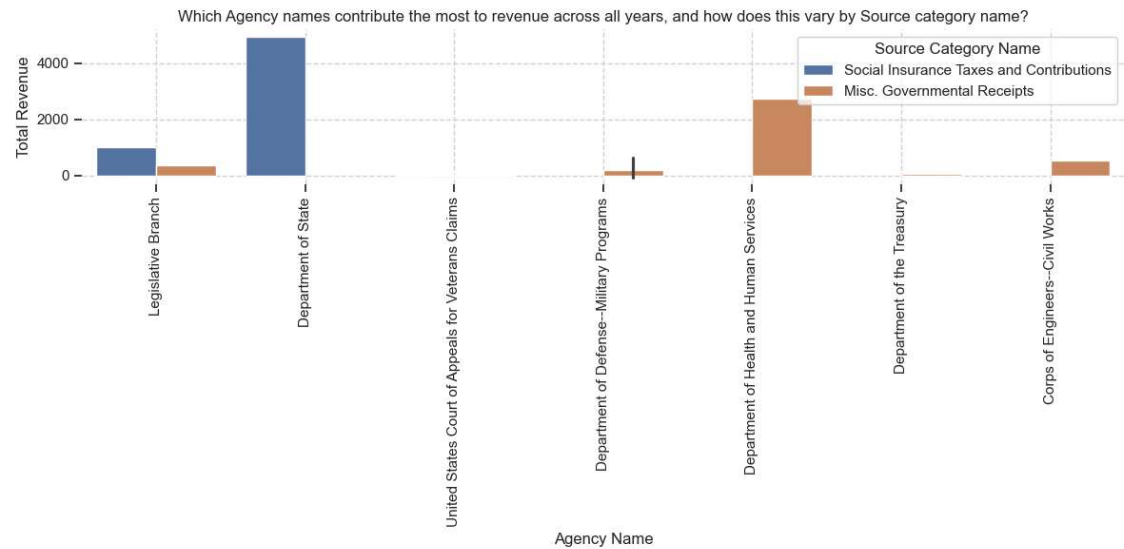
```
main() Goal Goal(question="Which 'Agency name's contribute the most to revenue across all years, and how does this vary by 'Source category name'?", visualization="A grouped bar chart showing the total revenue (sum of numeric values from '1962' to '2020' columns) for each 'Agency name', grouped by 'Source categ...
```

A visualization goal

index int	2
question str	"Which 'Agency name's contribute the most to revenue across all years, and how does this vary by 'Source category name'?"
rationale str	"This uses 'Agency name' and 'Source category name' to understand the revenue contribution of different agencies within each revenue category. It helps identify key agencies driving revenue within specific sectors."

visualization str

"A grouped bar chart showing the total revenue (sum of numeric values from '1962' to '2020' columns) for each 'Agency name', grouped by 'Source category name'."



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✳ Insight 3:

```
main() Goal Goal(question="What is the distribution of revenue across different 'Account name's, and are there any outliers or unusually high-revenue accounts?", visualization="A bar chart showing the total revenue (sum of numeric values from '1962' to '2020' columns) for each 'Account name', sorted in descendi...
```

A visualization goal

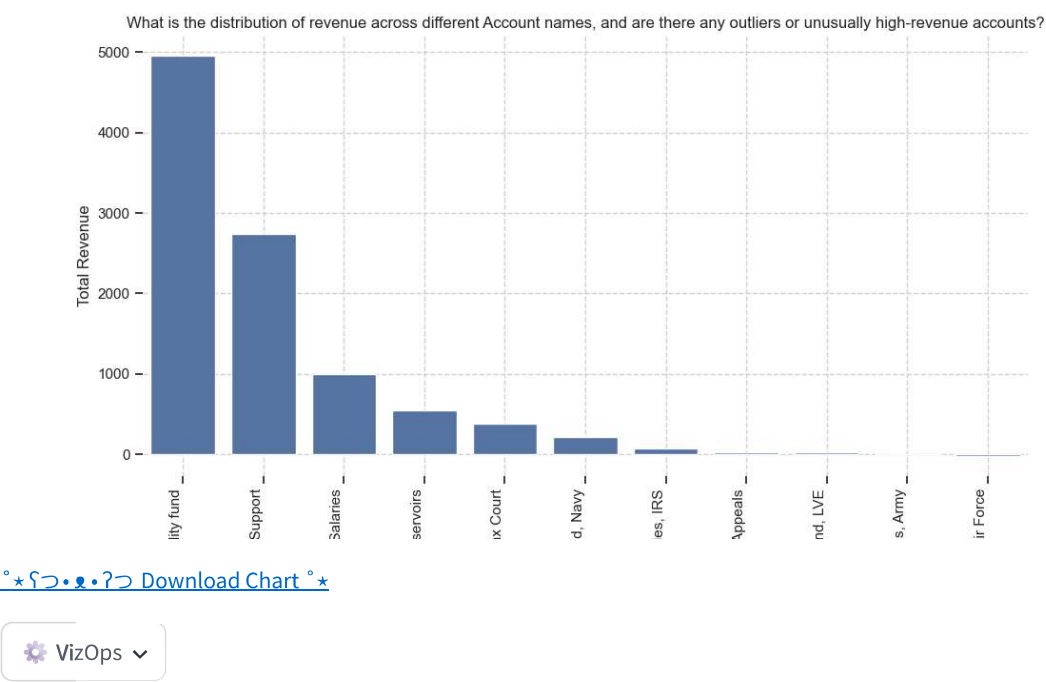
index int

3

question str

"What is the distribution of revenue across different 'Account name's, and are there any outliers or unusually high-revenue accounts?"

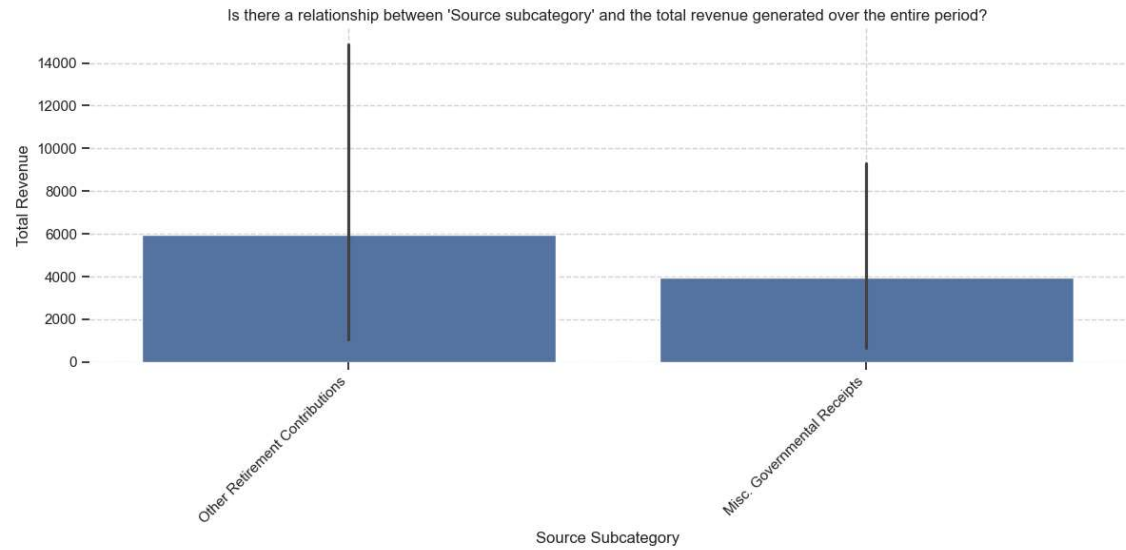
rationale str	"This visualization uses the 'Account name' field to analyze the distribution of revenue across individual accounts. Sorting by revenue allows for easy identification of high-revenue accounts and potential outliers, which may warrant further investigation."
visualization str	"A bar chart showing the total revenue (sum of numeric values from '1962' to '2020' columns) for each 'Account name', sorted in descending order."




✱ Insight 4:

<pre>main() Goal Goal(question="Is there a relationship between 'Source subcategory' and the total revenue generated over the entire period?", visualization="A bar chart showing the total revenue (sum of numeric values from '1962' to '2020' columns) for each 'Source subcategory'.", rationale="This visualization uses...")</pre>	
A visualization goal	
index int	4

question str	"Is there a relationship between 'Source subcategory' and the total revenue generated over the entire period?"
rationale str	"This visualization uses 'Source subcategory' to aggregate revenue. It helps understand which subcategories are the most significant revenue generators overall, providing insights into the composition of the total revenue."
visualization str	"A bar chart showing the total revenue (sum of numeric values from '1962' to '2020' columns) for each 'Source subcategory'."



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