- 🏠 Home
- Dashboard
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- 📑 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

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	Ager
0	931	Individual Income Taxes	0	Individual Income Taxes	9	Dep
1	931	Individual Income Taxes	0	Individual Income Taxes	9	Dep
2	931	Individual Income Taxes	0	Individual Income Taxes	15	Dep
3	931	Individual Income Taxes	0	Individual Income Taxes	901	Gov
4	931	Individual Income Taxes	0	Individual Income Taxes	901	Gov

No missing or duplicate values found in the data.

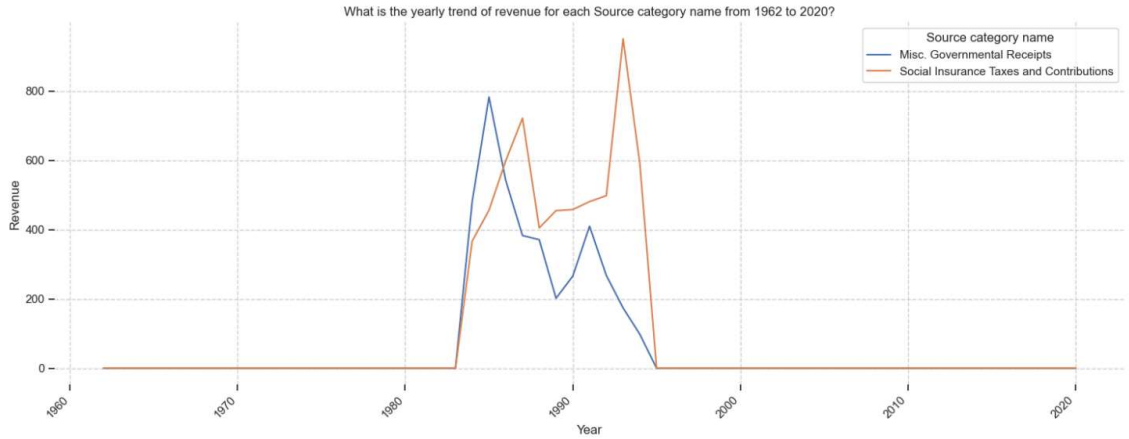
Generate Charts

✷ Insight 0:

`main()` Goal Goal(question="What is the yearly trend of revenue for each 'Source category name' from 1962 to 2020?", visualization="A line chart with 'Source category name' as separate lines, years (1962-2020) on the x-axis, and the sum of numerical values across all columns from 1962 to 2020 for each year as th...

A visualization goal

index int	0
question str	"What is the yearly trend of revenue for each 'Source category name' from 1962 to 2020?"
rationale str	'This visualization will reveal the growth or decline patterns of different revenue sources over time, allowing for the identification of trends and potential anomalies. Using all the yearly columns (1962-2020) allows for a comprehensive view of revenue trends. The sum for each year is used to repr...
visualization str	"A line chart with 'Source category name' as separate lines, years (1962-2020) on the x-axis, and the sum of numerical values across all columns from 1962 to 2020 for each year as the y-axis. Data needs cleaning and type conversion for proper aggregation."



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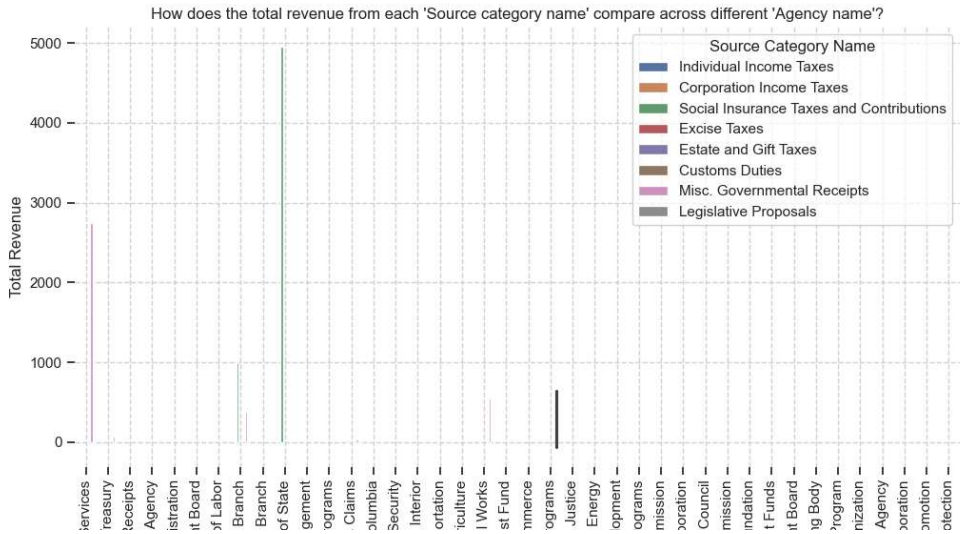
VizOps

✷ Insight 1:

main() Goal Goal(question="How does the total revenue from each 'Source category name' compare across different 'Agency name'?", visualization="A grouped bar chart with 'Agency name' on the x-axis, total revenue (sum of numerical values across all yearly columns from 1962-2020) on the y-axis, and different 'Sou...

A visualization goal

index int	1
question str	"How does the total revenue from each 'Source category name' compare across different 'Agency name'?"
rationale str	'This shows which agencies contribute most to each revenue source and reveals potential imbalances or dependencies between agencies and revenue categories. Summing across all yearly columns provides the total revenue for each source category within each agency.'
visualization str	"A grouped bar chart with 'Agency name' on the x-axis, total revenue (sum of numerical values across all yearly columns from 1962-2020) on the y-axis, and different 'Source category name' grouped within each agency."



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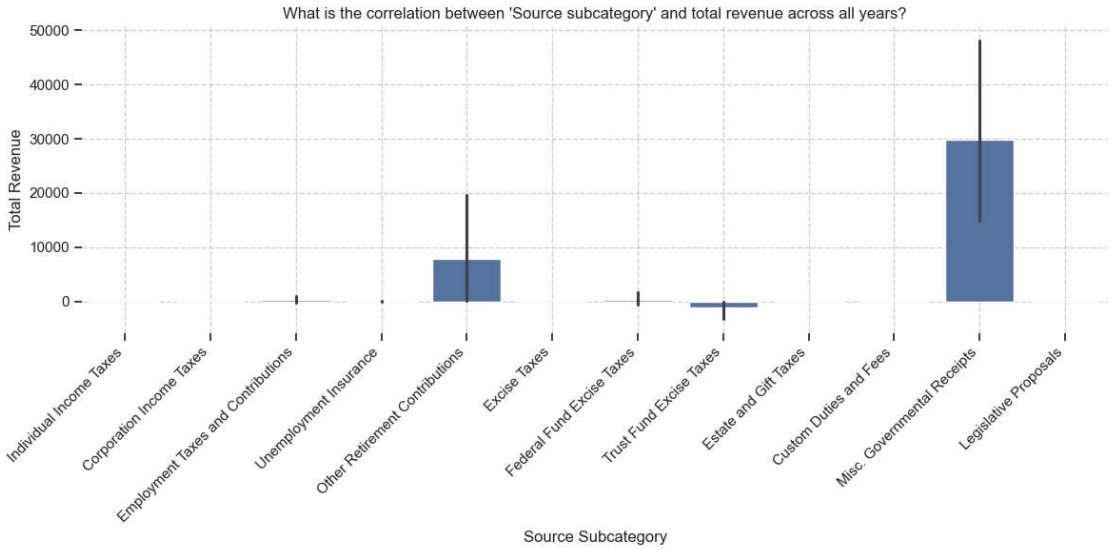
✷ Insight 2:

```
main() Goal Goal(question="What is the correlation between 'Source subcategory' and
total revenue across all years?", visualization="A bar chart showing the sum of revenue
across all years (1962-2020) for each 'Source subcategory'.", rationale='This identifies
which subcategories contribute most substantially t...
```

A visualization goal

index int	2
question str	"What is the correlation between 'Source subcategory' and total revenue across all years?"
rationale str	'This identifies which subcategories contribute most substantially to overall revenue. Aggregating revenue across all years gives a holistic picture of the relative importance of each subcategory.'
visualization str	"A bar chart showing the sum of revenue across all years (1962-2020) for each 'Source subcategory'."



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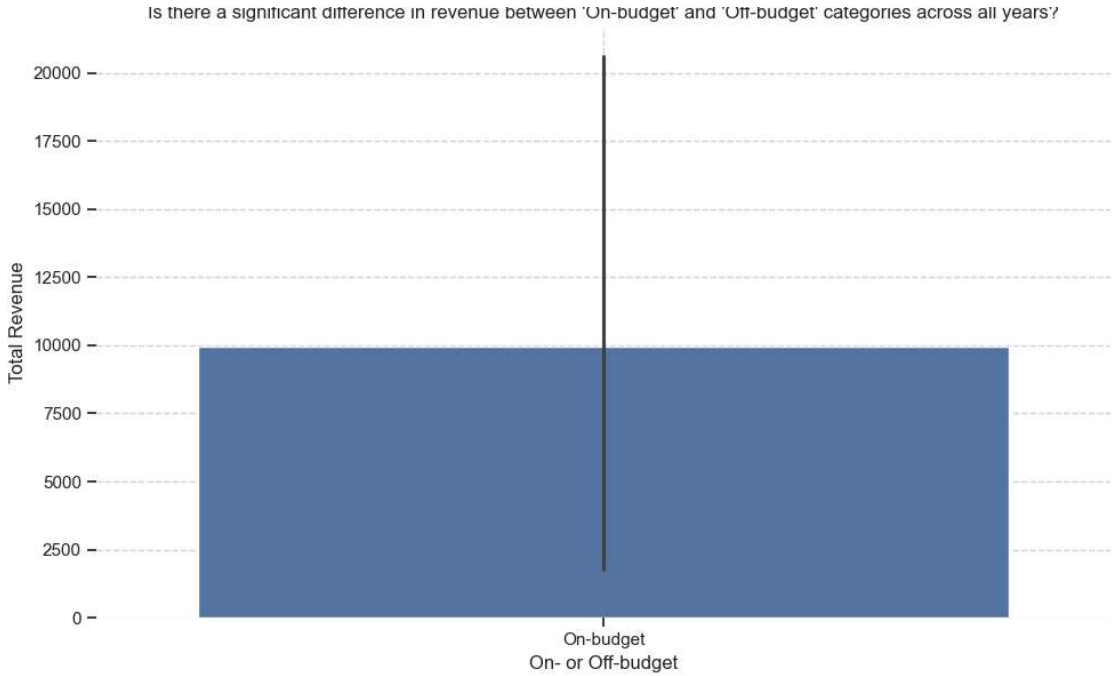
✷ Insight 3:

`main()` `Goal` Goal(question="Is there a significant difference in revenue between 'On-budget' and 'Off-budget' categories across all years?", visualization="A bar chart comparing the total revenue (sum of all yearly columns, 1962-2020) for 'On-budget' vs. 'Off-budget' categories from the 'On- or off-budget' colum...

A visualization goal

index int	3
question str	"Is there a significant difference in revenue between 'On-budget' and 'Off-budget' categories across all years?"
rationale str	'This helps understand the relative contribution of on-budget versus off-budget items to the overall revenue. Total revenue across all years is aggregated for each budget type to permit a direct comparison.'
visualization str	"A bar chart comparing the total revenue (sum of all yearly columns, 1962-2020) for 'On-budget' vs. 'Off-budget' categories from the 'On- or off-budget' column."



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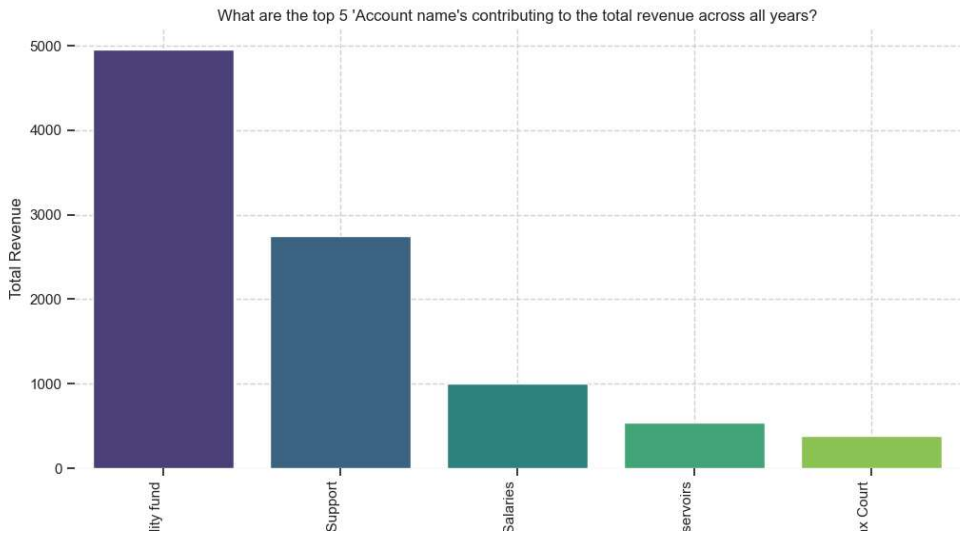
✷ Insight 4:

```
main() Goal Goal(question="What are the top 5 'Account name's contributing to the total revenue across all years?", visualization="A bar chart showing the total revenue (sum across all years 1962-2020) for each 'Account name', ordered descending, showing only the top 5.", rationale="This highlights the most sig...
```

A visualization goal

index int	4
question str	"What are the top 5 'Account name's contributing to the total revenue across all years?"
rationale str	"This highlights the most significant revenue-generating accounts, focusing on the most impactful contributors to the overall financial

	picture. The data requires pre-processing to handle the likely non-numeric values in the 'Account name' column and aggregation of all yearly revenue values per acc...
visualization str	"A bar chart showing the total revenue (sum across all years 1962-2020) for each 'Account name', ordered descending, showing only the top 5."



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