- 🏠 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

0.00

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.

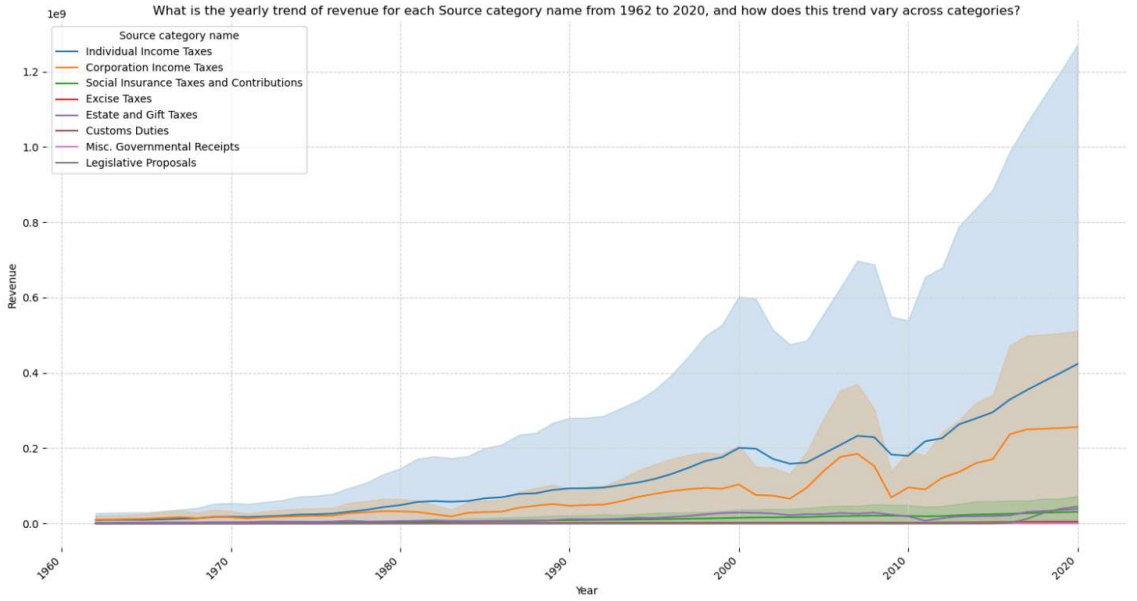
Generate Charts

✷ Insight 0:

`main()` `Goal` Goal(question="What is the yearly trend of revenue for each 'Source category name' from 1962 to 2020, 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...

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 categorize revenue streams and plots the yearly revenue from each category using the numerical data from the year columns ('1962' to '2020'). This will reveal long-term trends, growth patterns, and potential seasonality within each revenue sourc...
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' (after appropriate data cleaning and type conversion) as the y-axis. A separate line should be plotted for each 'Source category name'."



˚⋆ʕつ•ᴥ•ʔつ Download Chart ˚⋆

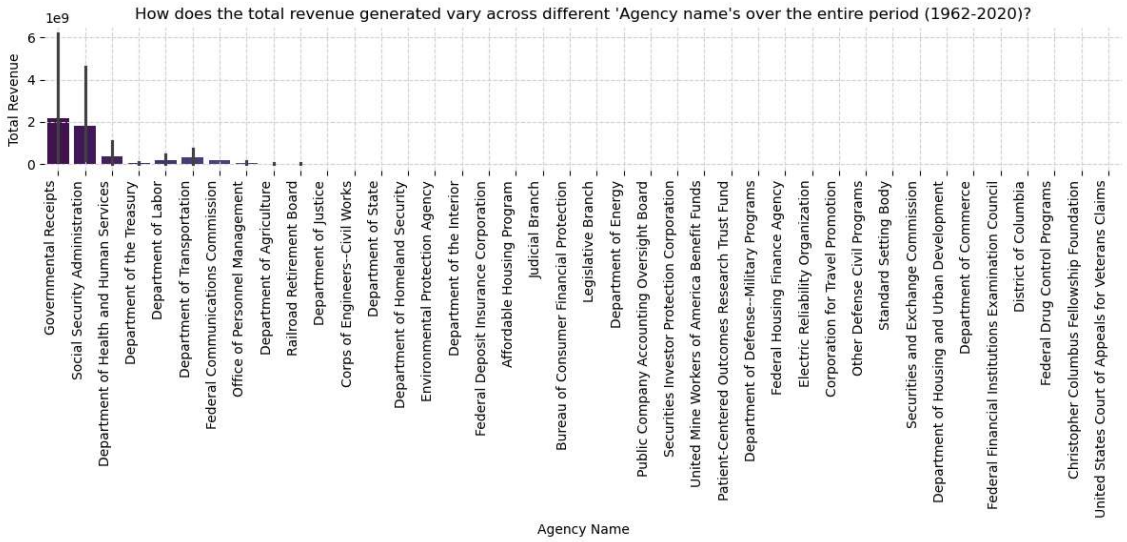
VizOps

✷ Insight 1:

`main()` `Goal` Goal(question="How does the total revenue generated vary across different 'Agency name's over the entire period (1962-2020)?", visualization="A bar chart showing the total revenue for each 'Agency name' (sum of numerical values from '1962' to '2020' for each agency after data cleaning and type conve...

A visualization goal

index int	1
question str	"How does the total revenue generated vary across different 'Agency name's over the entire period (1962-2020)?"
rationale str	"This visualization uses the 'Agency name' field to aggregate revenue across all years. The bar chart effectively compares the total revenue contribution of each agency, highlighting the most significant revenue generators and identifying potential areas for further investigation."
visualization str	"A bar chart showing the total revenue for each 'Agency name' (sum of numerical values from '1962' to '2020' for each agency after data cleaning and type conversion) on the y-axis and 'Agency name' on the x-axis. Bars should be sorted in descending order of total revenue."



˚⋆ʕっ•ᴥ•ʔっ Download Chart ˚⋆

VizOps

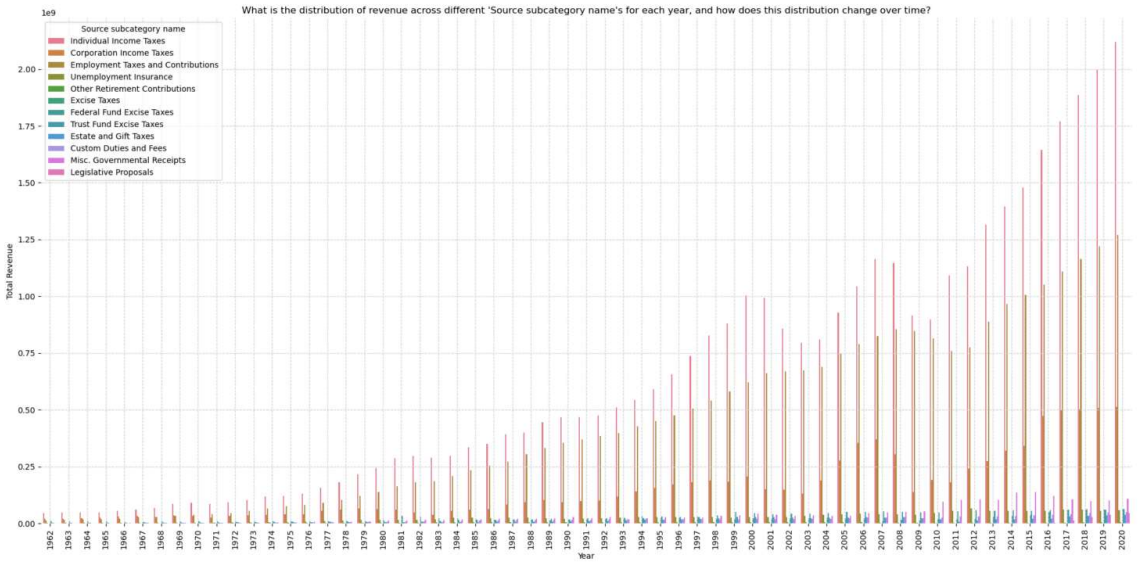
✷ Insight 2:

main() Goal Goal(question="What is the distribution of revenue across different 'Source subcategory name's for each year, and how does this distribution change over time?", visualization="A series of stacked bar charts, one for each year (1962-2020). Each bar represents the total revenue for that year, with seg...

A visualization goal

index int	2
question str	"What is the distribution of revenue across different 'Source subcategory name's for each year, and how does this distribution change over time?"
rationale str	"This uses 'Source subcategory name' to break down revenue within each year. The stacked bar charts allow for a visual comparison of the proportional contribution of each subcategory over time, revealing shifts in revenue sources and potential changes in government priorities or economic conditions....

visualization str	"A series of stacked bar charts, one for each year (1962-2020). Each bar represents the total revenue for that year, with segments within the bar representing the proportion of revenue from each 'Source subcategory name' (after data cleaning and type conversion)."



˚⋆ʕつ•ᴥ•ʔつ Download Chart ˚⋆

VizOps

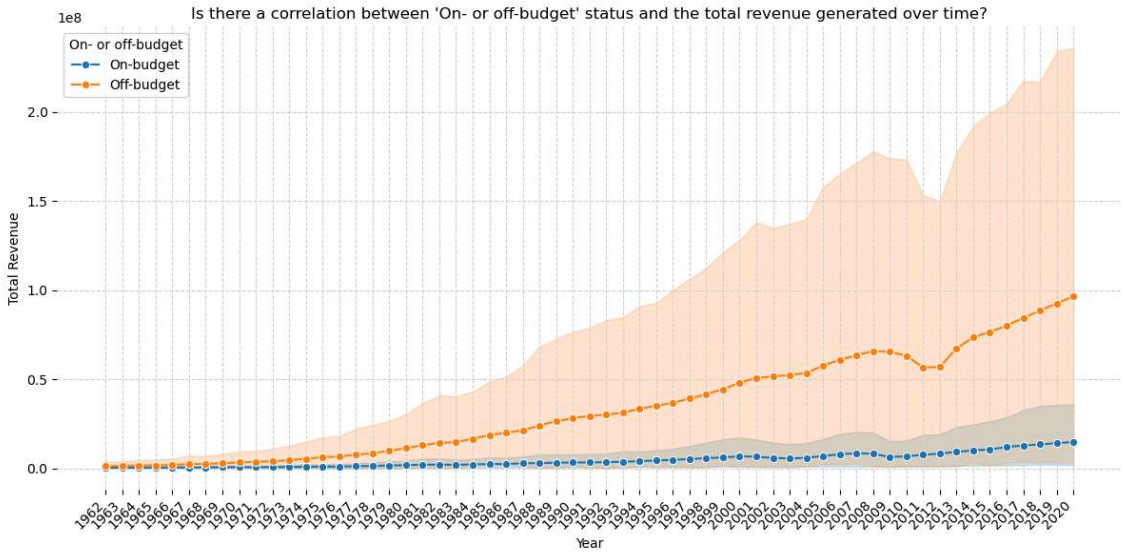
✷ Insight 3:

main() Goal Goal(question="Is there a correlation between 'On- or off-budget' status and the total revenue generated over time?", visualization="A line chart showing the total revenue for 'On-budget' and 'Off-budget' categories (sum of numerical values from '1962' to '2020' for each budget type after data clean...

A visualization goal

index int	3
question str	"Is there a correlation between 'On- or off-budget' status and the total revenue generated over time?"

rationale str	"This visualization leverages the 'On- or off-budget' field to compare revenue trends for different budget types. The line chart will clearly show the growth or decline of each budget type over time, revealing potential relationships between budget status and overall revenue generation."
visualization str	"A line chart showing the total revenue for 'On-budget' and 'Off-budget' categories (sum of numerical values from '1962' to '2020' for each budget type after data cleaning and type conversion) separately over the years (1962-2020)."



˚⋆ʕっ•ᴥ•ʔっ Download Chart ˚⋆

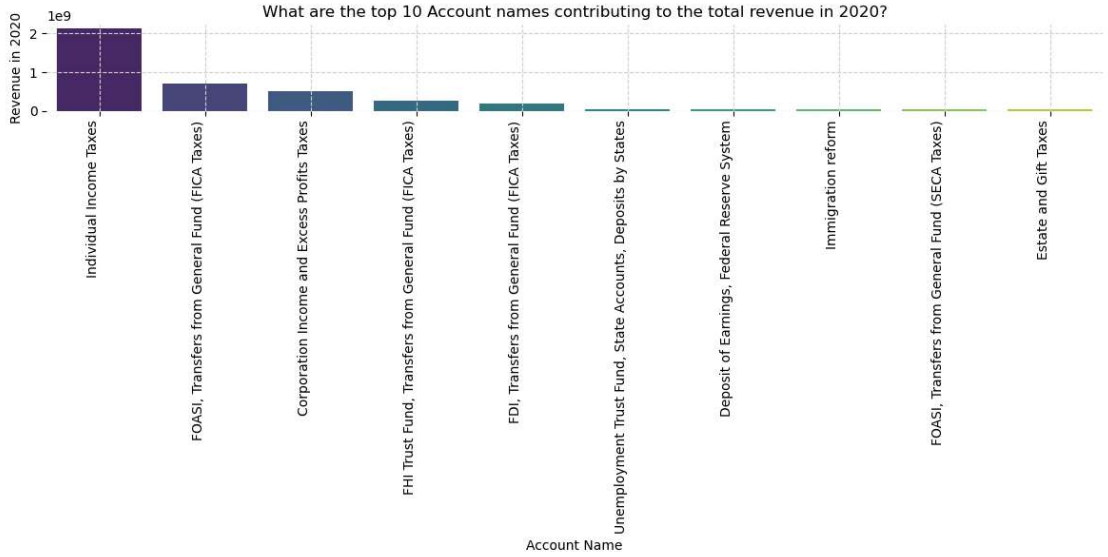
VizOps

✷ Insight 4:

main() Goal Goal(question="What are the top 10 'Account name's contributing to the total revenue in 2020?", visualization="A bar chart showing the top 10 'Account name's based on their revenue in 2020 (after data cleaning and type conversion) on the y-axis and 'Account name' on the x-axis. Bars should be sorted...

A visualization goal

index int	4
question str	"What are the top 10 'Account name's contributing to the total revenue in 2020?"
rationale str	"This focuses on the 'Account name' and revenue in 2020. The bar chart provides a clear ranking of the top revenue-generating accounts, allowing for a focused analysis of the most significant contributors to the government's revenue in that specific year."
visualization str	"A bar chart showing the top 10 'Account name's based on their revenue in 2020 (after data cleaning and type conversion) on the y-axis and 'Account name' on the x-axis. Bars should be sorted in descending order of revenue."



˚⋆ʕっ•ᴥ•ʔっ Download Chart ˚⋆

VizOps