- 🏠 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

income.csv 24.9KB

Successfully uploaded a CSV file with 520 rows of data.

	name	region	id	pct	total	group
0	Alabama	south	1	0.102	1,837,292	<10000
1	Alabama	south	1	0.072	1,837,292	10000 to 14999
2	Alabama	south	1	0.13	1,837,292	15000 to 24999
3	Alabama	south	1	0.115	1,837,292	25000 to 34999
4	Alabama	south	1	0.143	1,837,292	35000 to 49999

No missing or duplicate values found in the data.

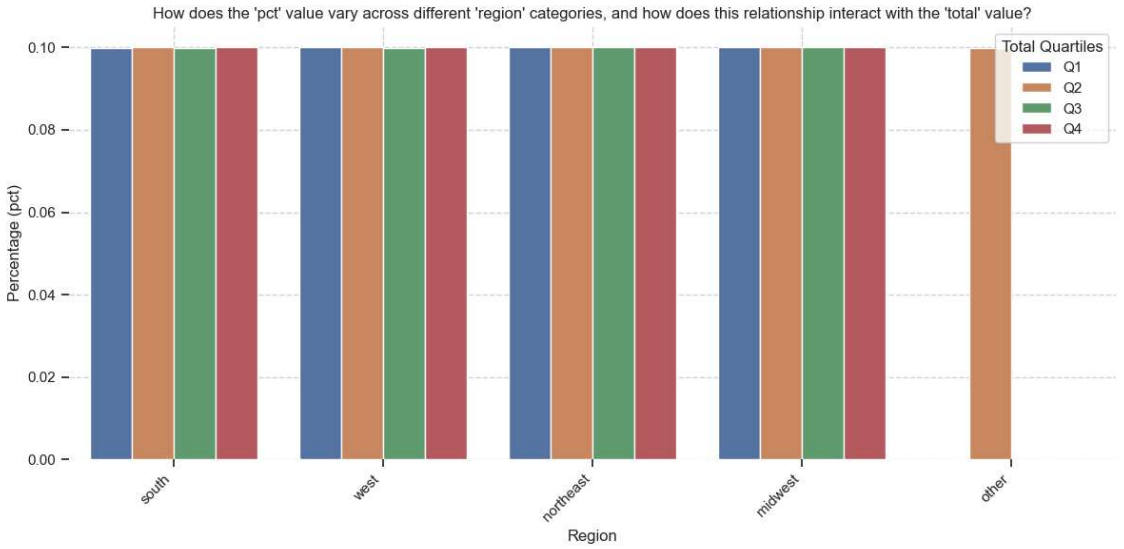
Generate Charts

✷ Insight 0:

`main() Goal Goal(question="How does the 'pct' value vary across different 'region' categories, and how does this relationship interact with the 'total' value?", visualization="Grouped bar chart showing 'pct' for each 'region', with bars further segmented by 'total' value ranges (e.g., quartiles).", rationale="T...`

A visualization goal

index int	0
question str	"How does the 'pct' value vary across different 'region' categories, and how does this relationship interact with the 'total' value?"
rationale str	"This visualization uses 'region', 'pct', and 'total' to explore potential regional disparities in the 'pct' metric and how those disparities might be influenced by the overall 'total' value. It helps identify if certain regions consistently exhibit higher or lower 'pct' values, regardless of the '...
visualization str	"Grouped bar chart showing 'pct' for each 'region', with bars further segmented by 'total' value ranges (e.g., quartiles)."



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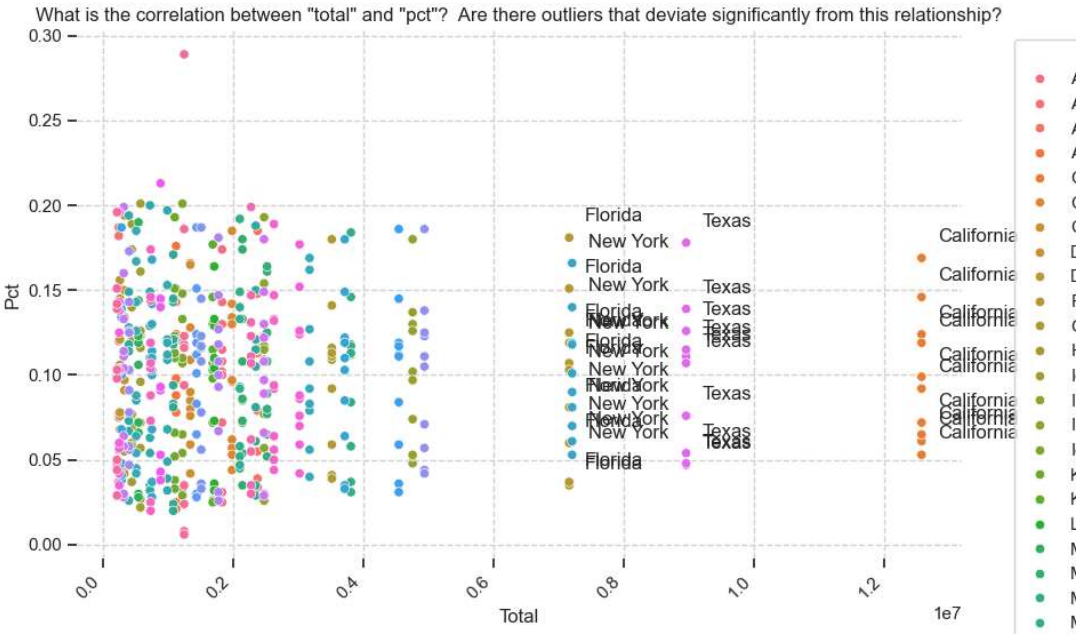
VizOps

✷ Insight 1:

`main() Goal Goal(question="What is the correlation between 'total' and 'pct'? Are there outliers that deviate significantly from this relationship?", visualization="Scatter plot of 'total' vs. 'pct', with each point representing a unique 'name'. Outliers should be clearly labeled.", rationale="This uses 'total...`

A visualization goal

index int	1
question str	"What is the correlation between 'total' and 'pct'? Are there outliers that deviate significantly from this relationship?"
rationale str	"This uses 'total' and 'pct' to reveal the strength and direction of their linear relationship. Identifying outliers helps pinpoint unusual data points that warrant further investigation. The labeling by 'name' allows for easy identification of these outliers."
visualization str	"Scatter plot of 'total' vs. 'pct', with each point representing a unique 'name'. Outliers should be clearly labeled."



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VizOps

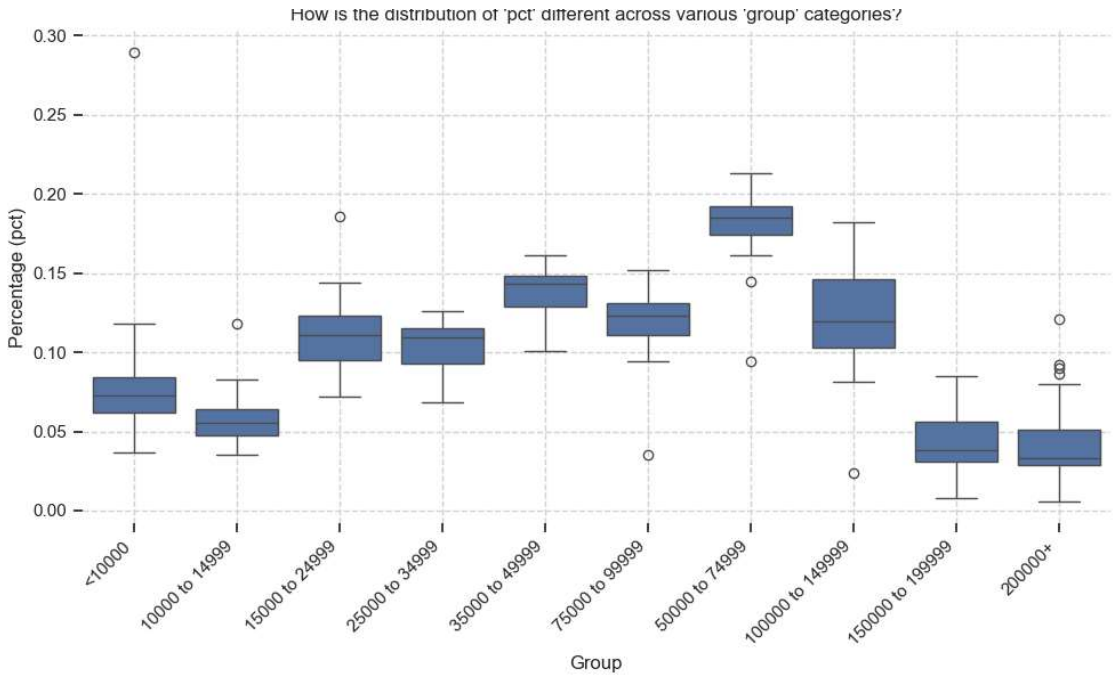
✷ Insight 2:

```
main() Goal Goal(question="How is the distribution of 'pct' different across various 'group' categories?", visualization="Box plot showing the distribution of 'pct' for each 'group' category.", rationale="This visualization uses 'pct' and 'group' to compare the central tendency, spread, and potential outliers o...
```

A visualization goal

index int	2
question str	"How is the distribution of 'pct' different across various 'group' categories?"
rationale str	"This visualization uses 'pct' and 'group' to compare the central tendency, spread, and potential outliers of 'pct' across different

	'group' categories. Box plots are effective for comparing distributions across multiple categories."
visualization str	"Box plot showing the distribution of 'pct' for each 'group' category."



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✷ Insight 3:

main() Goal Goal(question="What is the average 'total' for each 'group' and how does it vary across different 'regions'?", visualization="Heatmap showing the average 'total' for each combination of 'group' and 'region'.", rationale="This visualization uses 'group', 'region', and 'total' to provide a concise ove...

A visualization goal

index int	3

question str	"What is the average 'total' for each 'group' and how does it vary across different 'regions'?"
rationale str	"This visualization uses 'group', 'region', and 'total' to provide a concise overview of the average 'total' across different combinations of 'group' and 'region'. The heatmap allows for easy identification of patterns and significant differences."
visualization str	"Heatmap showing the average 'total' for each combination of 'group' and 'region'."

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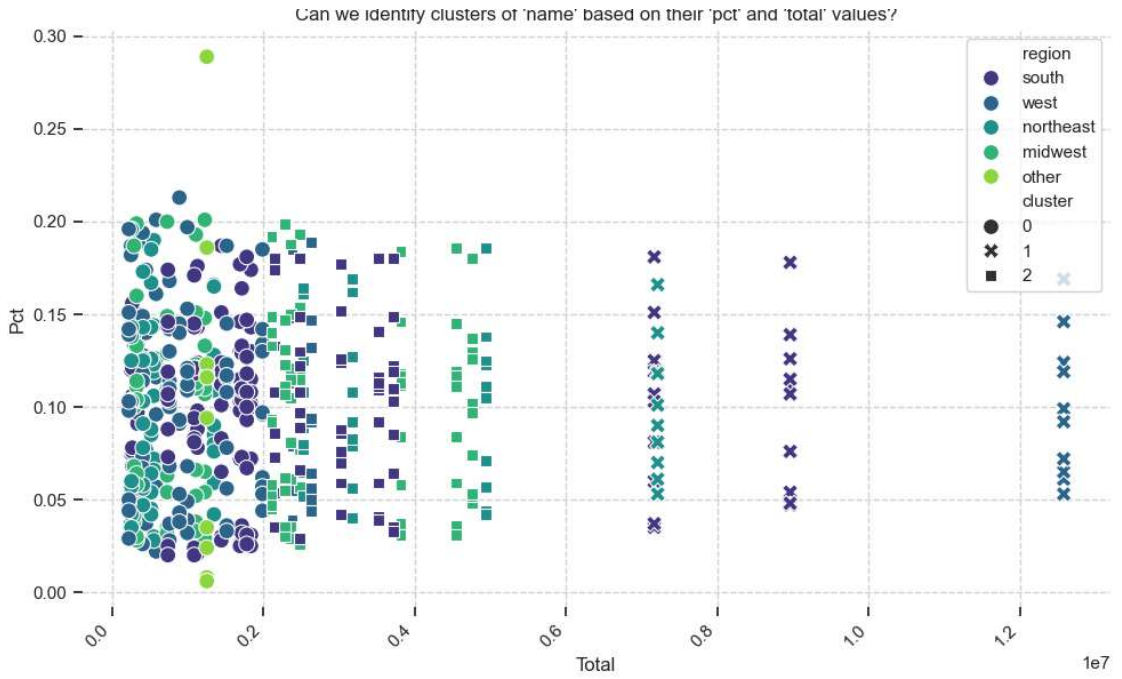
✷ Insight 4:

main() Goal Goal(question="Can we identify clusters of 'name' based on their 'pct' and 'total' values?", visualization="Scatter plot of 'total' vs. 'pct', with each point

colored by 'region' and potentially using a clustering algorithm to group similar points.", rationale="This visualization uses 'total', 'pct'...

A visualization goal

index int	4
question str	"Can we identify clusters of 'name' based on their 'pct' and 'total' values?"
rationale str	"This visualization uses 'total', 'pct', and 'region' to explore potential groupings or clusters within the data based on these two key numerical variables. The addition of color by 'region' adds another layer of analysis. Clustering algorithms can reveal underlying structures not immediately appar...
visualization str	"Scatter plot of 'total' vs. 'pct', with each point colored by 'region' and potentially using a clustering algorithm to group similar points."



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