- 🏠 Home
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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

gapminder.csv 25.3KB

Successfully uploaded a CSV file with 693 rows of data.

	year	country	cluster	pop	life_expect	fertility
0	1,955	Afghanistan	0	8,891,209	30.332	7.7
1	1,960	Afghanistan	0	9,829,450	31.997	7.7
2	1,965	Afghanistan	0	10,997,885	34.02	7.7
3	1,970	Afghanistan	0	12,430,623	36.088	7.7
4	1,975	Afghanistan	0	14,132,019	38.438	7.7

No missing or duplicate values found in the data.

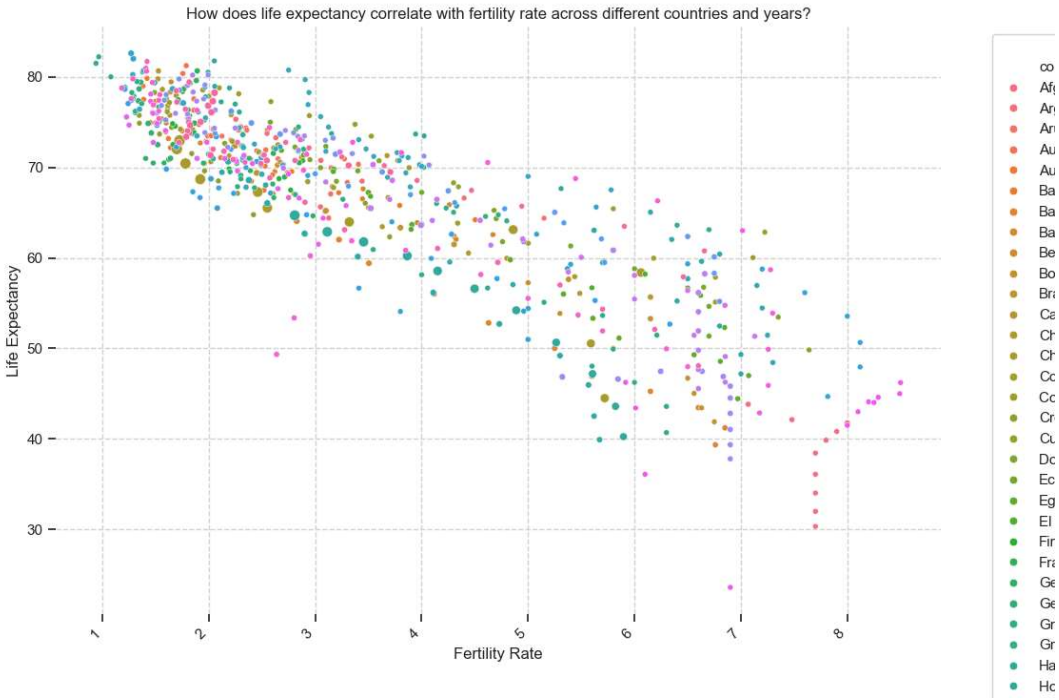
Generate Charts

✷ Insight 0:

main() Goal Goal(question='How does life expectancy correlate with fertility rate across different countries and years?', visualization="Scatter plot of 'life_expect' vs. 'fertility', with points colored by 'country' and size representing 'pop', and a separate line for each 'year'.", rationale="This visualizati...

A visualization goal

index int	0
question str	'How does life expectancy correlate with fertility rate across different countries and years?'
rationale str	"This visualization uses 'life_expect' and 'fertility' to explore their relationship. The color coding by 'country' and size by 'pop' adds contextual information, revealing potential regional trends and the influence of population size. Separating lines by 'year' shows the temporal evolution of th...
visualization str	"Scatter plot of 'life_expect' vs. 'fertility', with points colored by 'country' and size representing 'pop', and a separate line for each 'year'."



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VizOps

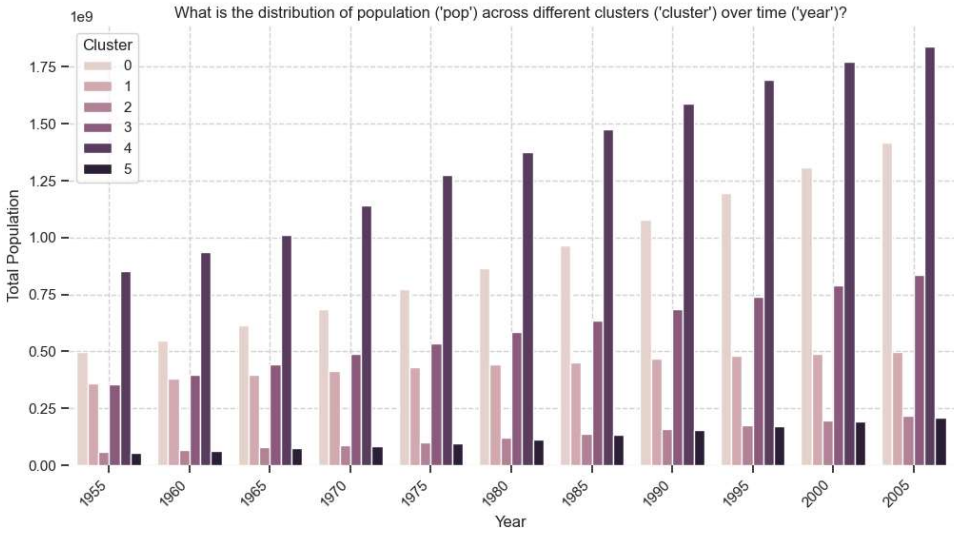
✷ Insight 1:

`main()` `Goal` `Goal(question="What is the distribution of population ('pop') across different clusters ('cluster') over time ('year')?", visualization="Grouped bar chart showing the total 'pop' for each 'cluster' in each 'year'.", rationale="This uses 'pop', 'cluster', and 'year' to understand population distribut...`

A visualization goal

index int	1
question str	"What is the distribution of population ('pop') across different clusters ('cluster') over time ('year')?"

rationale str	"This uses 'pop', 'cluster', and 'year' to understand population distribution across clusters dynamically. The grouped bar chart facilitates comparison across clusters and years, highlighting any shifts in population distribution over time."
visualization str	"Grouped bar chart showing the total 'pop' for each 'cluster' in each 'year'."



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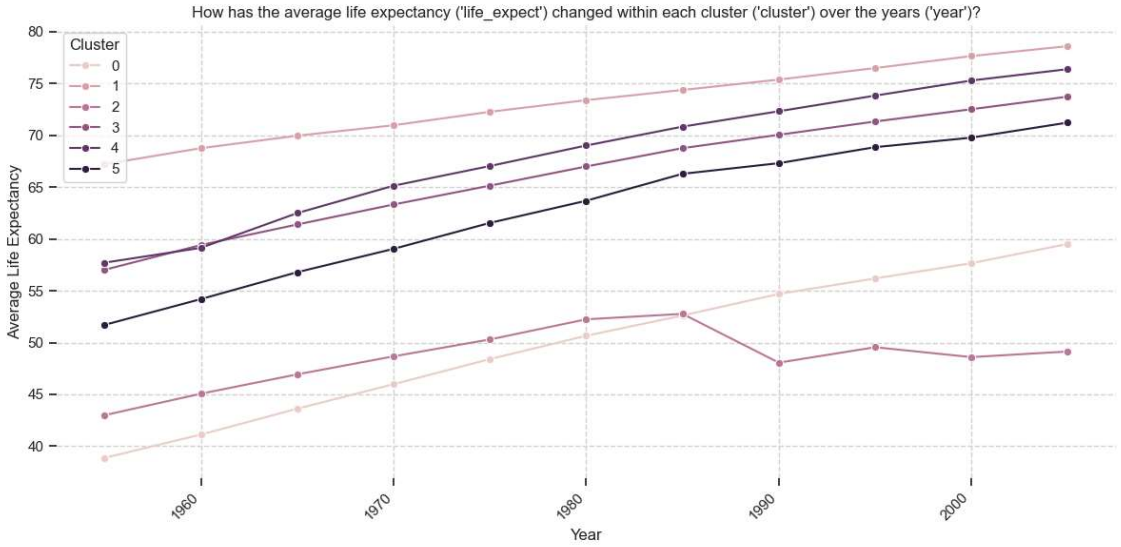
✷ Insight 2:

main() Goal Goal(question="How has the average life expectancy ('life_expect') changed within each cluster ('cluster') over the years ('year')?", visualization="Line chart showing the average 'life_expect' for each 'cluster' over time ('year').", rationale="This visualization uses 'life_expect', 'cluster', and ...

A visualization goal

index int	2

question str	"How has the average life expectancy ('life_expect') changed within each cluster ('cluster') over the years ('year')?"
rationale str	"This visualization uses 'life_expect', 'cluster', and 'year' to track changes in life expectancy within each cluster. A line chart effectively displays trends over time, allowing for easy comparison of life expectancy changes across different clusters."
visualization str	"Line chart showing the average 'life_expect' for each 'cluster' over time ('year')."



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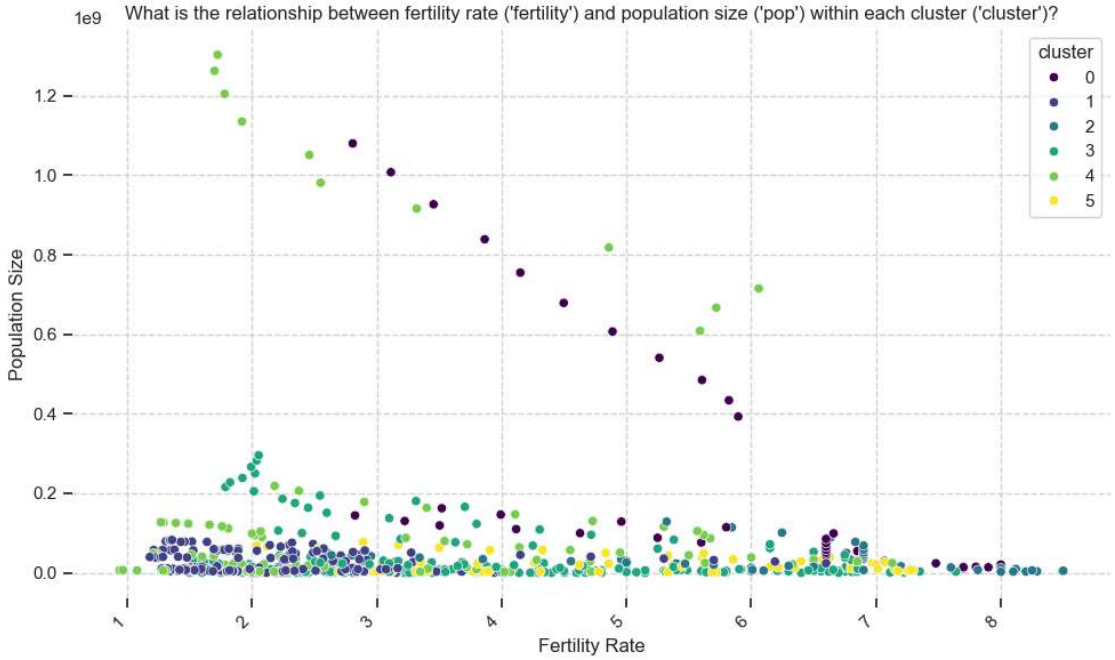
✷ Insight 3:

main() Goal Goal(question="What is the relationship between fertility rate ('fertility') and population size ('pop') within each cluster ('cluster')?", visualization="Scatter plot of 'fertility' vs. 'pop', with points colored by 'cluster'.", rationale="This visualization explores the correlation between 'fertil...

A visualization goal

index int	3
question str	"What is the relationship between fertility rate ('fertility') and population size ('pop') within each cluster ('cluster')?"
rationale str	"This visualization explores the correlation between 'fertility' and 'pop' within each cluster. The use of color coding by 'cluster' helps to reveal potential differences in the relationship between these variables across different clusters."
visualization str	"Scatter plot of 'fertility' vs. 'pop', with points colored by 'cluster'."



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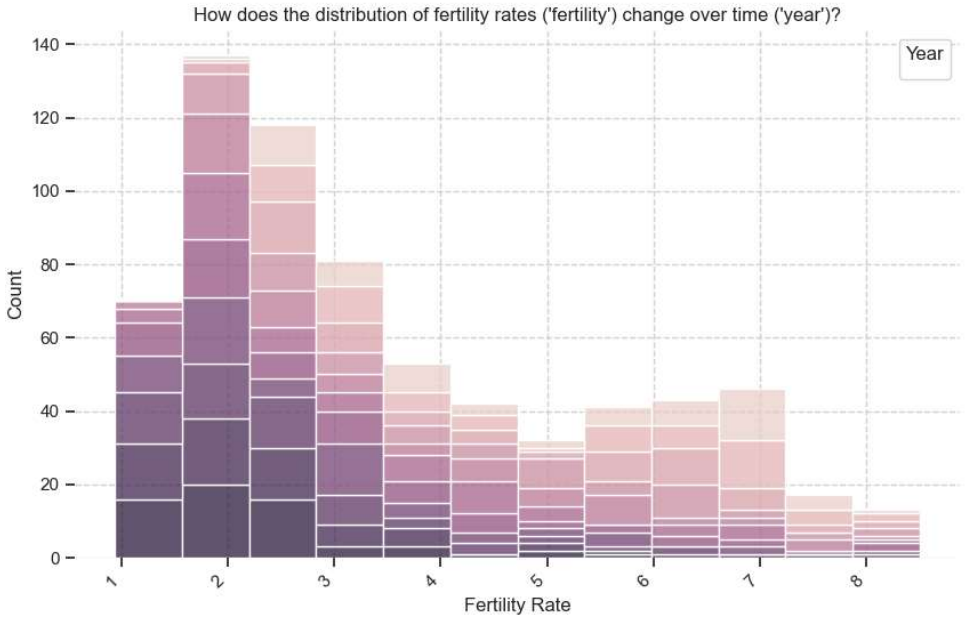
✷ Insight 4:

```
main() Goal Goal(question="How does the distribution of fertility rates ('fertility') change over time ('year')?", visualization="Histogram of 'fertility' for each 'year', displayed as a series of overlaid histograms.", rationale="This uses 'fertility' and 'year' to analyze the distribution of fertility rates o...
```

A visualization goal

index int	4
question str	"How does the distribution of fertility rates ('fertility') change over time ('year')?"
rationale str	"This uses 'fertility' and 'year' to analyze the distribution of fertility rates over time. Overlaid histograms for each year provide a visual comparison of how the distribution of fertility rates changes over time, revealing potential shifts in central tendency and spread."
visualization str	"Histogram of 'fertility' for each 'year', displayed as a series of overlaid histograms."



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