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Choose your provider and Enter API Key:

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Gemini API key:

..... 

Successfully connected to Gemini!

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LIDA Tasks

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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

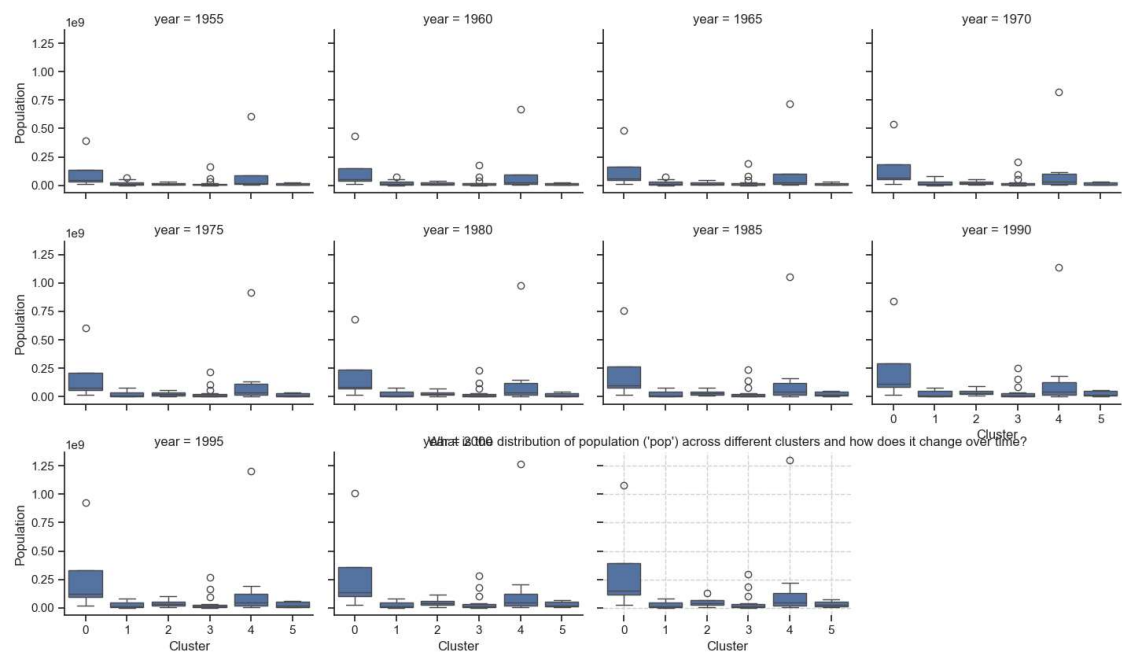
✳ Insight 0:

<pre>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', colored by 'country' and faceted by 'year'", rationale="This visualization will reveal the relationship between life expectancy a...</pre>	
A visualization goal	
index <code>int</code>	0
question <code>str</code>	'How does life expectancy correlate with fertility rate across different countries and years?'
rationale <code>str</code>	"This visualization will reveal the relationship between life expectancy and fertility rate, showing potential trends over time and variations across different countries. Using 'country' as color allows for easy comparison between nations, and faceting by 'year' reveals temporal trends."
visualization <code>str</code>	"Scatter plot of 'life_expect' vs 'fertility', colored by 'country' and faceted by 'year'"

✳ Insight 1:

<pre>main() Goal Goal(question="What is the distribution of population ('pop') across different clusters and how does it change over time?", visualization="Box plot of 'pop' grouped by 'cluster' and faceted by 'year'", rationale='This will show the distribution of population within each cluster for each year, highli...</pre>	
A visualization goal	
index <code>int</code>	1
question <code>str</code>	"What is the distribution of population ('pop') across different clusters and how does it change over time?"
rationale <code>str</code>	'This will show the distribution of population within each cluster for each year, highlighting potential disparities and changes in population distribution over time. Box plots effectively display the median, quartiles, and outliers for each cluster.'

visualization str"Box plot of 'pop' grouped by 'cluster' and faceted by 'year'"



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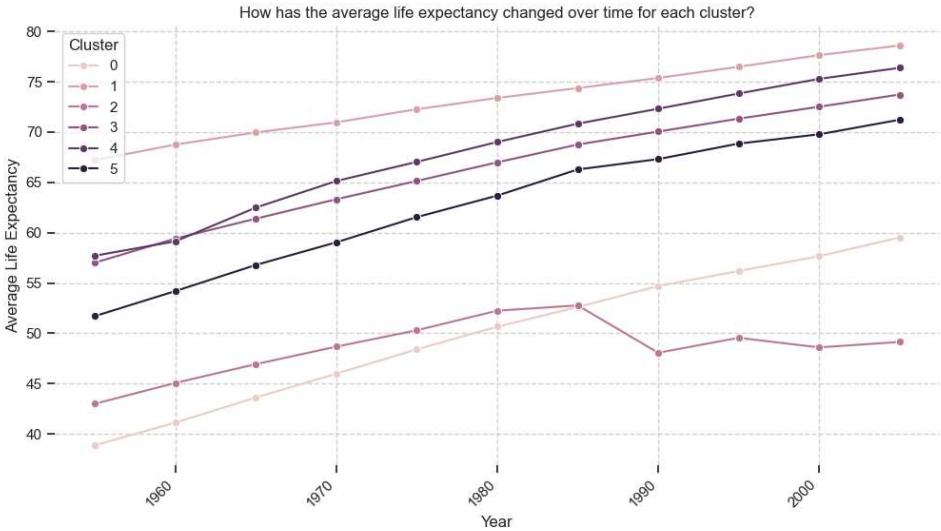
Insight 2:

```
main() Goal Goal(question='How has the average life expectancy changed over time for each cluster?', visualization="Line chart showing the average 'life_expect' over 'year', with separate lines for each 'cluster'", rationale='This will illustrate the trend of life expectancy for each cluster over the years, all...')
```

A visualization goal

index int2

question str	'How has the average life expectancy changed over time for each cluster?'
rationale str	'This will illustrate the trend of life expectancy for each cluster over the years, allowing for easy comparison of changes across different clusters. Line charts are ideal for showing trends over time.'
visualization str	"Line chart showing the average 'life_expect' over 'year', with separate lines for each 'cluster'"



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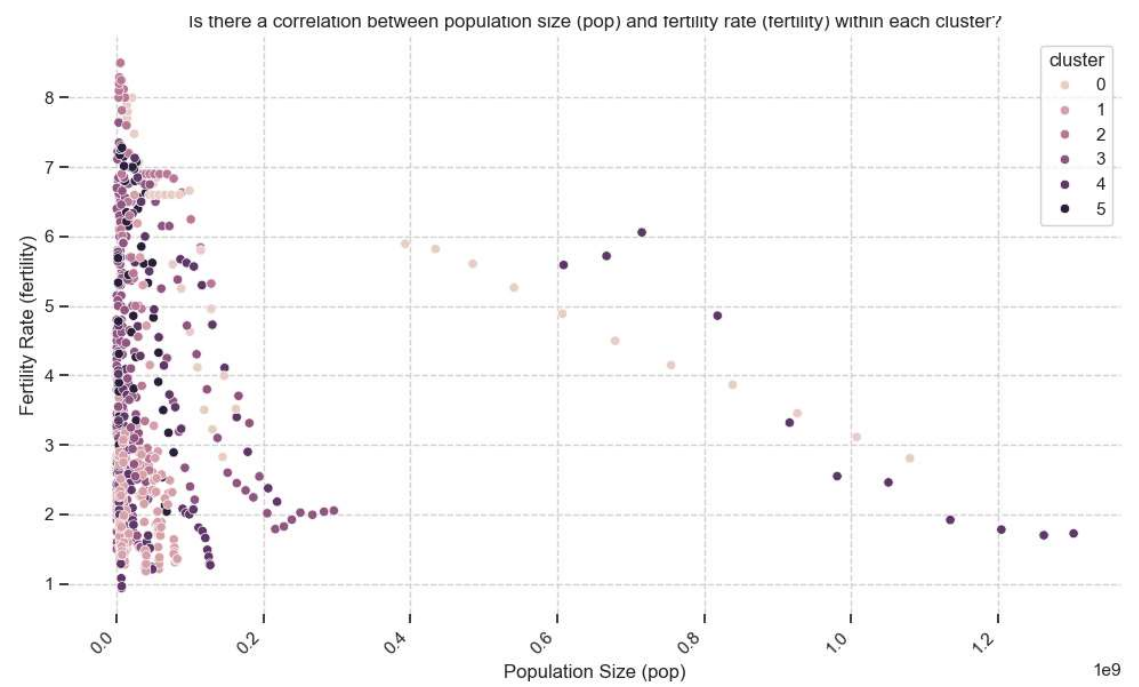
 VizOps ▾

✳ Insight 3:

main() Goal Goal(question="Is there a correlation between population size ('pop') and fertility rate ('fertility') within each cluster?", visualization="Scatter plot of 'pop' vs 'fertility', colored by 'cluster'", rationale='This will explore the relationship between population size and fertility rate within ea...')

A visualization goal

index int	3
question str	"Is there a correlation between population size ('pop') and fertility rate ('fertility') within each cluster?"
rationale str	'This will explore the relationship between population size and fertility rate within each cluster. Color-coding by cluster allows for easy comparison of the relationship across different clusters.'
visualization str	"Scatter plot of 'pop' vs 'fertility', colored by 'cluster'"



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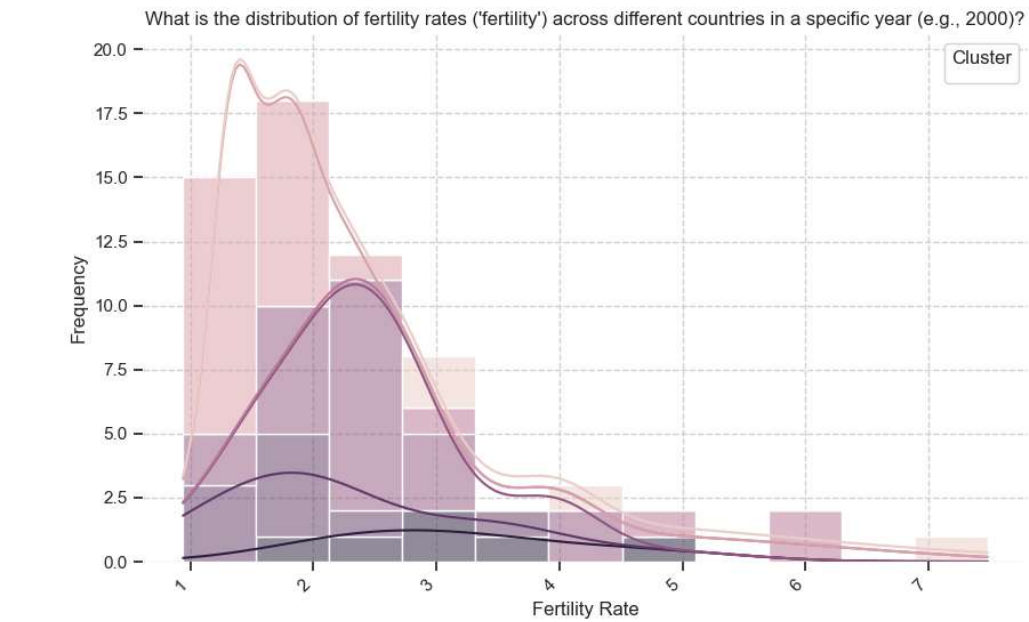
✳ Insight 4:

```
main() Goal Goal(question="What is the distribution of fertility rates ('fertility') across different countries in a specific year (e.g., 2000)?", visualization="Histogram")
```

of 'fertility' for rows where 'year' == 2000, with a separate histogram for each 'cluster'", rationale='This will show the distribution of f...

A visualization goal

index <code>int</code>	4
question <code>str</code>	"What is the distribution of fertility rates ('fertility') across different countries in a specific year (e.g., 2000)?"
rationale <code>str</code>	'This will show the distribution of fertility rates for a specific year, allowing for comparison of the distribution across different clusters. Histograms are effective for visualizing the distribution of a single numerical variable.'
visualization <code>str</code>	"Histogram of 'fertility' for rows where 'year' == 2000, with a separate histogram for each 'cluster'"



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