- 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

la-riots.csv 7.3KB

Successfully uploaded a CSV file with 63 rows of data.

	first_name	last_name	age	gender	race	death_date	address	neighborhood	type
0	Cesar A.	Aguilar	18	Male	Latino	1992-04-30	2009 W. 6th St.	Westlake	Offic
1	George	Alvarez	42	Male	Latino	1992-05-01	Main & College streets	Chinatown	Not r
2	Wilson	Alvarez	40	Male	Latino	1992-05-23	3100 Rosecrans Ave.	Hawthorne	Hom
3	Brian E.	Andrew	30	Male	Black	1992-04-30	Rosecrans & Chester avenues	Compton	Offic
4	Vivian	Austin	87	Female	Black	1992-05-03	1600 W. 60th St.	Harvard Park	Deat

Data cleaned!

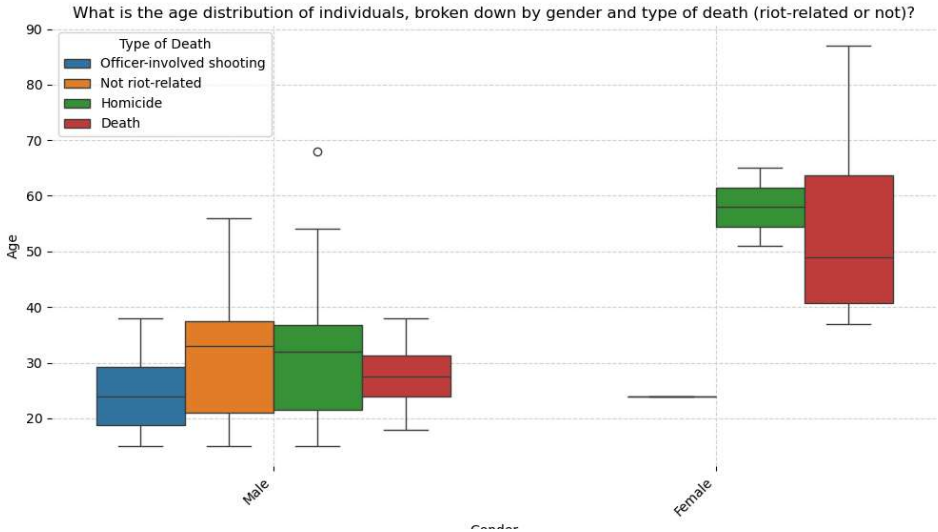
Generate Charts

✷ Insight 0:

`main() Goal` Goal(question='What is the age distribution of individuals, broken down by gender and type of death (riot-related or not)?', visualization="Box plot of 'age' grouped by 'gender' and 'type'", rationale="This visualization uses 'age', 'gender', and 'type' to identify potential age-related disparities ...

A visualization goal

index int	0
question str	'What is the age distribution of individuals, broken down by gender and type of death (riot-related or not)?'
rationale str	"This visualization uses 'age', 'gender', and 'type' to identify potential age-related disparities in mortality and the relationship between death type and age for different genders. Box plots effectively show the distribution (median, quartiles, outliers) for each group, allowing for easy comparis...
visualization str	"Box plot of 'age' grouped by 'gender' and 'type'"



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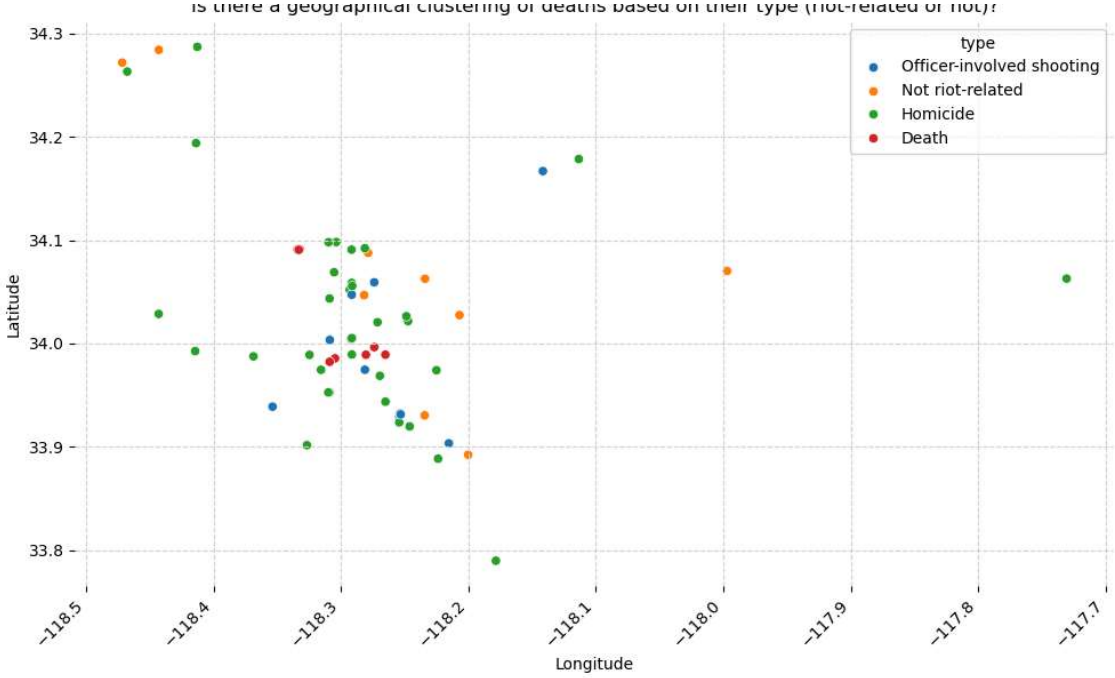
VizOps

✷ Insight 1:

`main()` `Goal` Goal(question='Is there a geographical clustering of deaths based on their type (riot-related or not)?', visualization="Scatter plot of 'longitude' and 'latitude', colored by 'type'.", rationale="Plotting 'longitude' and 'latitude' reveals spatial patterns. Coloring the points by 'type' ('Not riot-r...

A visualization goal

index int	1
question str	'Is there a geographical clustering of deaths based on their type (riot-related or not)?'
rationale str	"Plotting 'longitude' and 'latitude' reveals spatial patterns. Coloring the points by 'type' ('Not riot-related', 'Death', etc.) immediately highlights any geographical concentrations of specific types of deaths, suggesting potential underlying factors like location-specific risks."
visualization str	"Scatter plot of 'longitude' and 'latitude', colored by 'type'."



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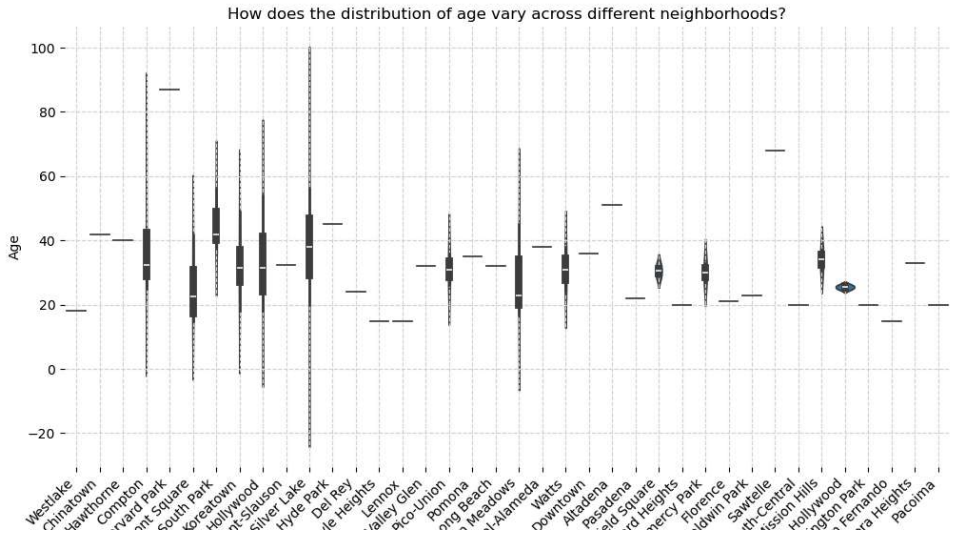
VizOps

✷ Insight 2:

```
main() Goal Goal(question='How does the distribution of age vary across different neighborhoods?', visualization="Violin plot of 'age' grouped by 'neighborhood'", rationale="This uses 'age' and 'neighborhood' to compare the age distributions across various neighborhoods. Violin plots combine the benefits of bo...
```

A visualization goal

index int	2
question str	'How does the distribution of age vary across different neighborhoods?'
rationale str	"This uses 'age' and 'neighborhood' to compare the age distributions across various neighborhoods. Violin plots combine the benefits of box plots (showing quartiles and median) with kernel density estimation, providing a richer understanding of the data distribution than a simple box plot."
visualization str	"Violin plot of 'age' grouped by 'neighborhood'"



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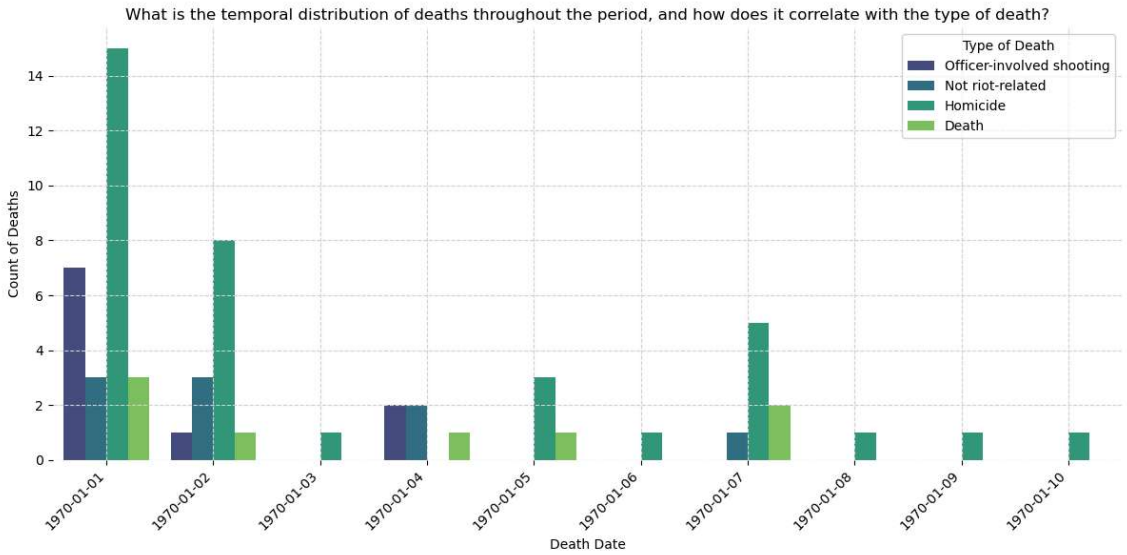
VizOps

✷ Insight 3:

`main() Goal Goal(question='What is the temporal distribution of deaths throughout the period, and how does it correlate with the type of death?', visualization="Line chart showing the count of deaths over time ('death_date'), with separate lines for each 'type'", rationale="This visualization uses 'death_date' ...`

A visualization goal

index int	3
question str	'What is the temporal distribution of deaths throughout the period, and how does it correlate with the type of death?'
rationale str	"This visualization uses 'death_date' and 'type'. A line chart over time will show trends in death counts. Separating lines by 'type' reveals whether certain death types were concentrated in specific periods, suggesting possible correlations with events or circumstances."
visualization str	"Line chart showing the count of deaths over time ('death_date'), with separate lines for each 'type'"



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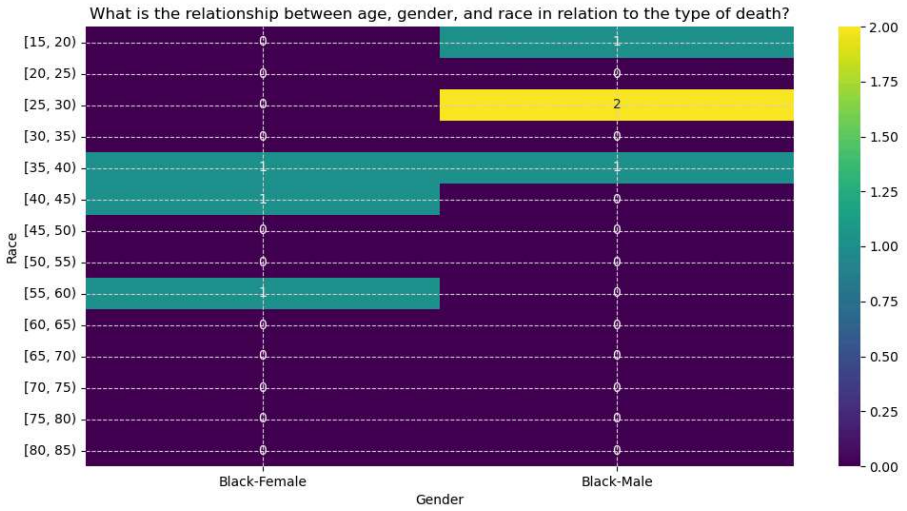
✷ Insight 4:

```
main() Goal Goal(question='What is the relationship between age, gender, and race in relation to the type of death?', visualization="Heatmap showing the count of each combination of 'age' (binned), 'gender', and 'race', with a separate heatmap for each 'type' of death.", rationale="This complex visualization us...
```

A visualization goal

index int	4
question str	'What is the relationship between age, gender, and race in relation to the type of death?'
rationale str	"This complex visualization uses 'age', 'gender', 'race', and 'type'. Binning 'age' into ranges makes the heatmap manageable. Separate heatmaps for each 'type' allow for a detailed comparison of the demographic breakdown of different death types, revealing any significant correlations."

visualization str	"Heatmap showing the count of each combination of 'age' (binned), 'gender', and 'race', with a separate heatmap for each 'type' of death."



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