

[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

0.30

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:

<pre>main() Goal Goal(question='What is the age distribution of individuals, broken down by gender and categorized by the type of death (riot-related or not)?', visualization="Grouped bar chart showing age distribution (bins of 10 years) on the x-axis, count on the y-axis, with separate bars for each gender within e...</pre>	
A visualization goal	
index int	0
question str	'What is the age distribution of individuals, broken down by gender and categorized by the type of death (riot-related or not)?'
rationale str	"This visualization uses 'age', 'gender', and 'type' fields to understand potential age-related disparities and the impact of riot-related deaths on different demographic groups. The grouped bar chart allows for easy comparison across genders and death types."
visualization str	"Grouped bar chart showing age distribution (bins of 10 years) on the x-axis, count on the y-axis, with separate bars for each gender within each 'type' category."

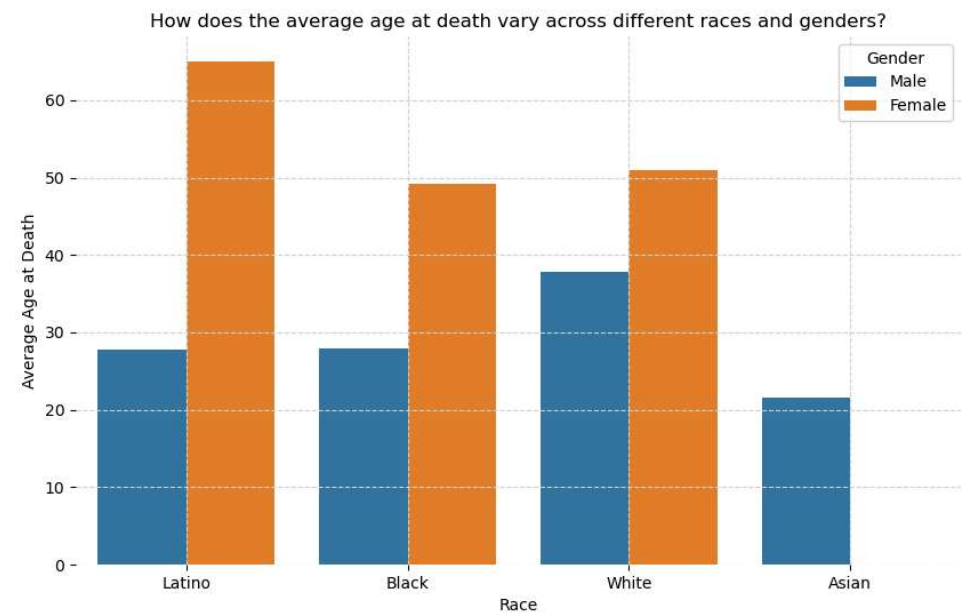
✳ Insight 1:

<pre>main() Goal Goal(question='Is there a spatial correlation between the location of deaths and neighborhoods? Are certain neighborhoods disproportionately affected?', visualization="Map visualization with points representing death locations ('longitude', 'latitude'), colored by 'neighborhood'. The map should in...</pre>	
A visualization goal	
index int	1
question str	'Is there a spatial correlation between the location of deaths and neighborhoods? Are certain neighborhoods disproportionately affected?'
rationale str	"This uses 'longitude', 'latitude', and 'neighborhood' to identify potential spatial clusters of deaths. Mapping allows for a visual understanding of geographic patterns, while the bar chart provides quantitative support."

visualization str	"Map visualization with points representing death locations ('longitude', 'latitude'), colored by 'neighborhood'. The map should include neighborhood boundaries if available. A supplementary bar chart could show the count of deaths per neighborhood."
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✳ Insight 2:

main() Goal Goal(question='How does the average age at death vary across different races and genders?', visualization="Grouped bar chart showing average 'age' on the y-axis and 'race' on the x-axis, with separate bars for each 'gender' within each race.", rationale="This uses 'age', 'race', and 'gender' to reve...")	
A visualization goal	
index int	2
question str	'How does the average age at death vary across different races and genders?'
rationale str	"This uses 'age', 'race', and 'gender' to reveal potential differences in life expectancy across demographic groups. The grouped bar chart facilitates easy comparison across races and genders."
visualization str	"Grouped bar chart showing average 'age' on the y-axis and 'race' on the x-axis, with separate bars for each 'gender' within each race."



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✳ Insight 3:

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

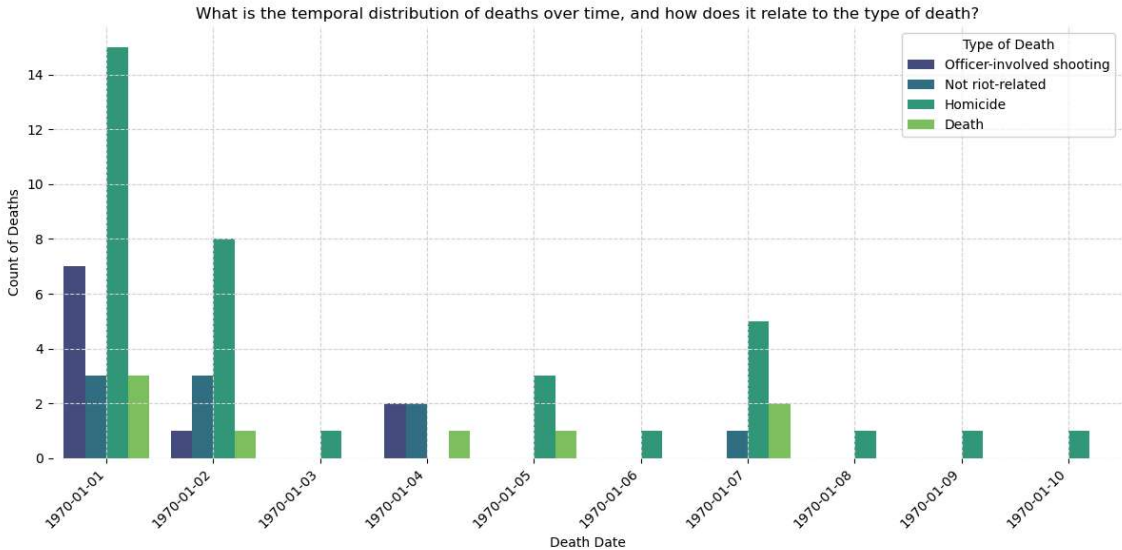
A visualization goal

index	int	3
question	str	'What is the temporal distribution of deaths over time, and how does it relate to the type of death?'
rationale	str	"This uses 'death_date' and 'type' to analyze the temporal pattern of deaths. A line chart effectively visualizes trends over time, allowing

for the identification of potential peaks or patterns related to the type of death."

visualization str

"Line chart showing the count of deaths over time ('death_date'), with separate lines for each 'type' of death."



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Insight 4:

```
main() Goal Goal(question='What is the distribution of death types across different neighborhoods?', visualization="Stacked bar chart showing the count of each 'type' of death stacked for each 'neighborhood' on the x-axis. ", rationale="This uses 'neighborhood' and 'type' to understand the prevalence of differe...
```

A visualization goal

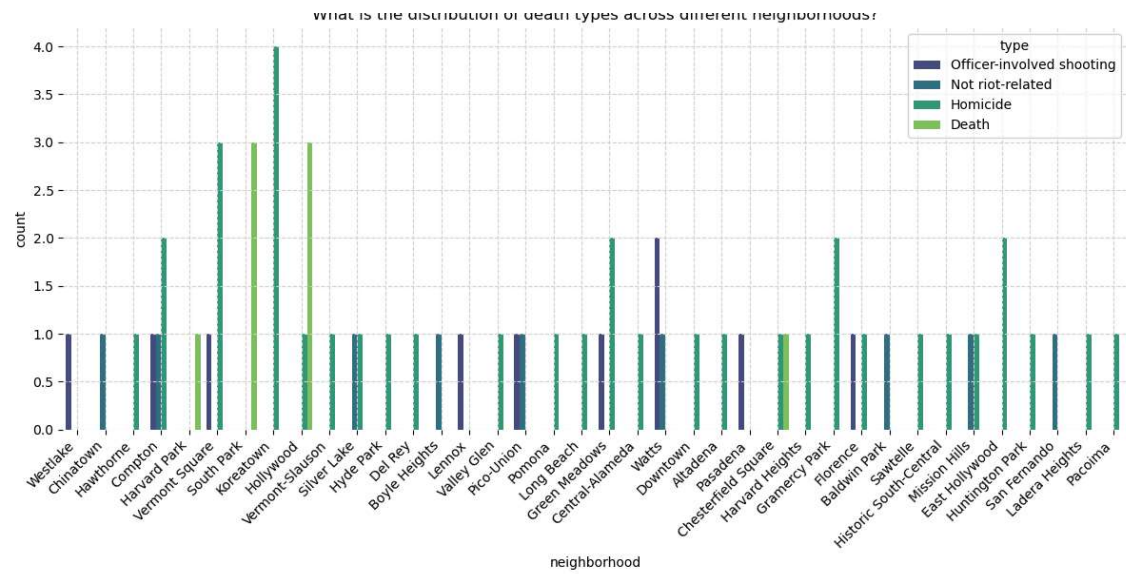
index int

4

question str

'What is the distribution of death types across different neighborhoods?'

rationale <code>str</code>	"This uses 'neighborhood' and 'type' to understand the prevalence of different death types in various neighborhoods. A stacked bar chart allows for a clear comparison of the proportion of each death type within each neighborhood."
visualization <code>str</code>	"Stacked bar chart showing the count of each 'type' of death stacked for each 'neighborhood' on the x-axis. "



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