

# 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



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!




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Choose your provider and Enter API Key:

Provider

Gemini ▾

Gemini API key:

.....



Successfully connected to Gemini!

Tasks:

Functions:

Summarize & Goal ▾

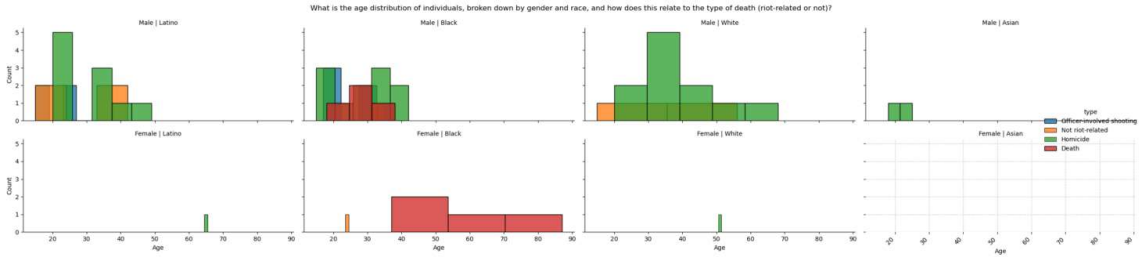
Generate Charts

✳ Insight 0:

```
main() Goal Goal(question='What is the age distribution of individuals, broken down by gender and race, and how does this relate to the type of death (riot-related or not)?', visualization="Grouped bar chart showing age distribution (histogram within each group) for each combination of gender and race, with a f...
```

A visualization goal

index	int	0
question	str	'What is the age distribution of individuals, broken down by gender and race, and how does this relate to the type of death (riot-related or not)?'
rationale	str	"This visualization uses 'age', 'gender', 'race', and 'type' fields. It will reveal potential disparities in age demographics affected by riot-related deaths versus other causes, highlighting potential vulnerabilities within specific demographic groups."
visualization	str	"Grouped bar chart showing age distribution (histogram within each group) for each combination of gender and race, with a further breakdown by 'type'."



[✳🔍📊📄📁 Download Chart ✳](#)

⚙ VizOps ▾

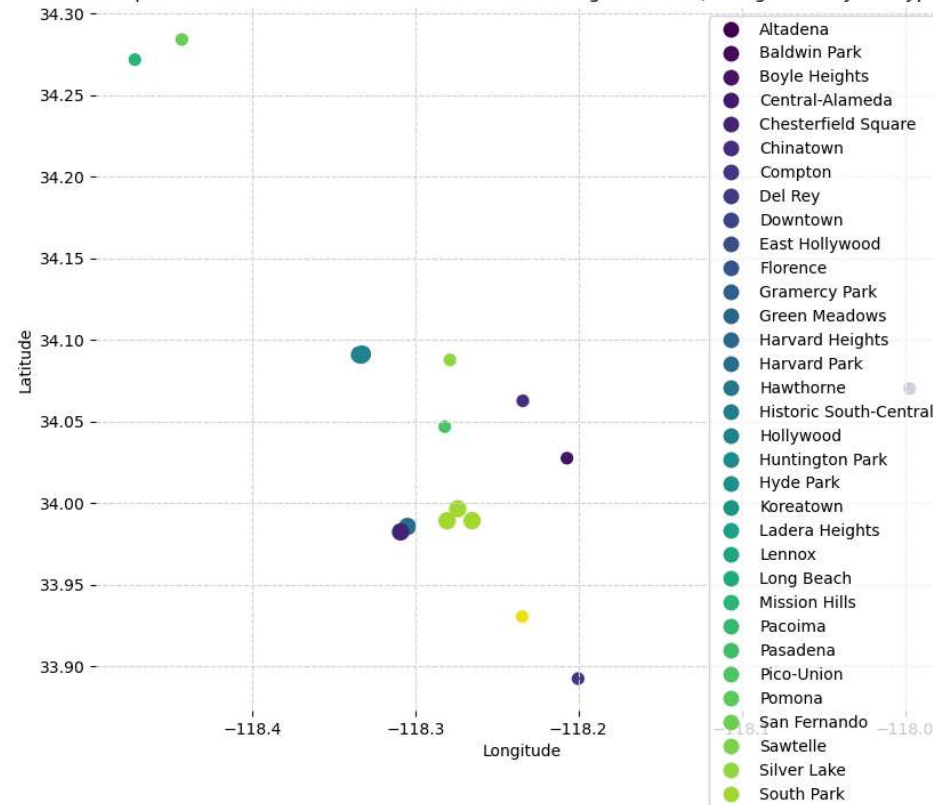
✳ Insight 1:

```
main() Goal Goal(question='What is the spatial distribution of deaths across different neighborhoods, categorized by the type of death?', visualization="Map visualization with points representing each death location ('longitude', 'latitude'). Points should be color-coded by 'neighborhood' and sized/shaded by '...'.
```

A visualization goal

index <code>int</code>	1
question <code>str</code>	'What is the spatial distribution of deaths across different neighborhoods, categorized by the type of death?'
rationale <code>str</code>	"This uses 'longitude', 'latitude', 'neighborhood', and 'type'. It will geographically illustrate the concentration of deaths, both riot-related and otherwise, across different neighborhoods, revealing potential spatial patterns and hotspots."
visualization <code>str</code>	"Map visualization with points representing each death location ('longitude', 'latitude'). Points should be color-coded by 'neighborhood' and sized/shaded by 'type'."

What is the spatial distribution of deaths across different neighborhoods, categorized by the type of death?



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VizOps ▾

## ✳ Insight 2:

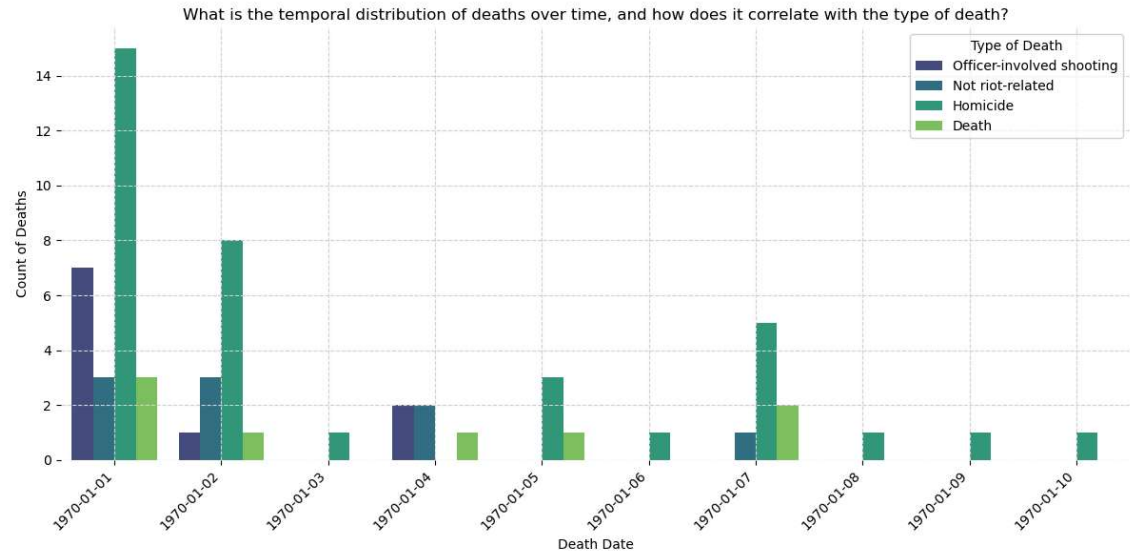
```
main() Goal Goal(question='How does the average age vary across different neighborhoods,
and is there a correlation with the type of death?', visualization="Bar chart showing
average age ('age') for each 'neighborhood', with error bars representing standard
deviation. Bars should be color-coded by the predomin...
```

A visualization goal

index <code>int</code>	2
question <code>str</code>	'How does the average age vary across different neighborhoods, and is there a correlation with the type of death?'
rationale <code>str</code>	"This uses 'age', 'neighborhood', and 'type'. It will identify neighborhoods with significantly different average ages of deceased individuals and explore if this difference is linked to the type of death. This helps understand age-related vulnerabilities in different areas."
visualization <code>str</code>	"Bar chart showing average age ('age') for each 'neighborhood', with error bars representing standard deviation. Bars should be color-coded by the predominant 'type' in each neighborhood."

✳ Insight 3:

<pre>main() <code>Goal</code> Goal(question='What is the temporal distribution of deaths over time, and how does it correlate with the type of death?', visualization="Line chart showing the count of deaths ('death_date') over time, with separate lines for each 'type'.", rationale="This uses 'death_date' and 'type'. It will show ...")</pre>	
A visualization goal	
index <code>int</code>	3
question <code>str</code>	'What is the temporal distribution of deaths over time, and how does it correlate with the type of death?'
rationale <code>str</code>	"This uses 'death_date' and 'type'. It will show the trend of deaths over time, identifying potential peaks and revealing if riot-related deaths occurred during specific periods, providing insights into the temporal dynamics of the events."
visualization <code>str</code>	"Line chart showing the count of deaths ('death_date') over time, with separate lines for each 'type'."



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VizOps

### ✳ Insight 4:

```
main() Goal Goal(question='Is there a correlation between race and the type of death, considering the age distribution?', visualization="Heatmap showing the correlation between 'race', 'type', and 'age' using a 2D histogram or a similar visualization that shows the density of data points across these three vari...
```

A visualization goal

index int	4
question str	'Is there a correlation between race and the type of death, considering the age distribution?'
rationale str	"This uses 'race', 'type', and 'age'. A heatmap will reveal potential correlations between race, type of death, and age, highlighting any disproportionate impact on specific racial groups at different age ranges. This allows for a more nuanced understanding of potential biases or vulnerabilities."

visualization **str**

"Heatmap showing the correlation between 'race', 'type', and 'age' using a 2D histogram or a similar visualization that shows the density of data points across these three variables."

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