

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

0.00


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



heart.csv 32.1KB

×

Successfully uploaded a CSV file with 886 rows of data.

	e	sex	cp	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	slope	ca	thal	target
0	46	1	0	120	249	0	0	144	0	0.8	2	0	3	0
1	71	0	1	160	302	0	1	162	0	0.4	2	2	2	1
2	71	0	1	160	303	0	1	163	0	0.4	2	2	2	1
3	71	0	1	160	304	0	1	164	0	0.4	2	2	2	1
4	71	0	1	160	305	0	1	165	0	0.4	2	2	2	1

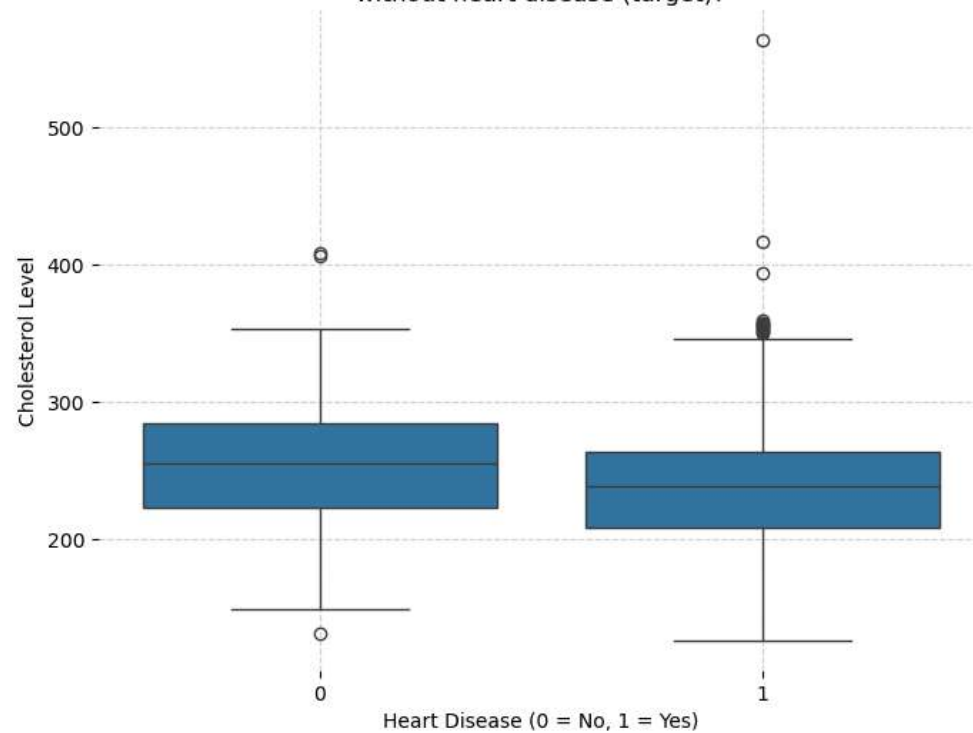
No missing or duplicate values found in the data.

Generate Charts

✳ Insight 0:

<pre>main() Goal Goal(question='How does the distribution of cholesterol levels (chol) differ between individuals with and without heart disease (target)?', visualization='Box plot of chol split by target', rationale='A box plot effectively visualizes the central tendency, spread, and potential outliers of cholester...</pre>	
A visualization goal	
index int	0
question str	'How does the distribution of cholesterol levels (chol) differ between individuals with and without heart disease (target)?'
rationale str	'A box plot effectively visualizes the central tendency, spread, and potential outliers of cholesterol levels for both groups, revealing potential correlations between cholesterol and heart disease.'
visualization str	'Box plot of chol split by target'

How does the distribution of cholesterol levels (chol) differ between individuals with and without heart disease (target)?



Download Chart

VizOps

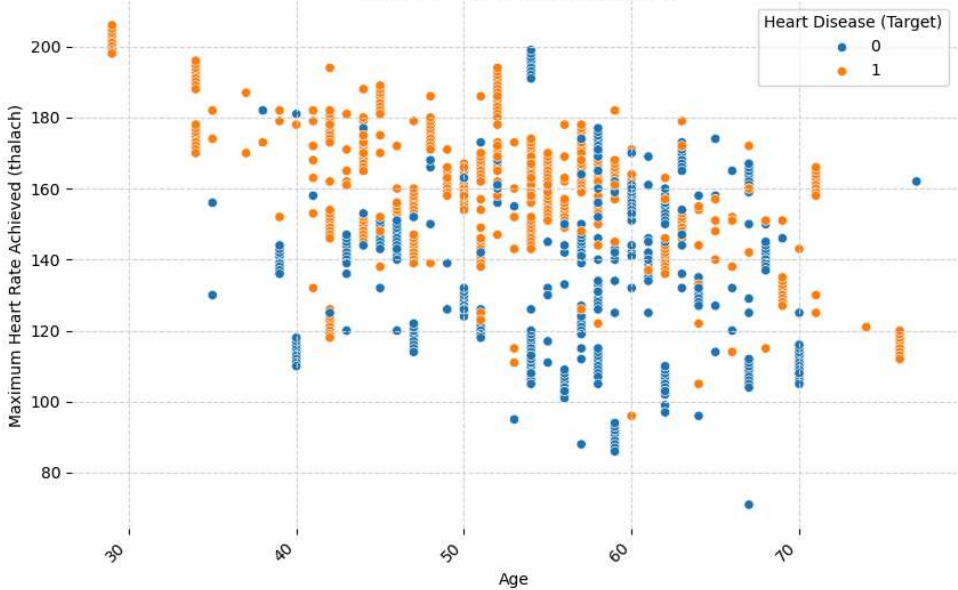
* Insight 1:

```
main() Goal(Goal(question='What is the relationship between maximum heart rate achieved (thalach) and age, considering the presence or absence of heart disease (target)?', visualization='Scatter plot of thalach vs. age, colored by target', rationale='This visualization helps identify potential trends in maximum...'))
```


A visualization goal

index int	1
question str	'What is the relationship between maximum heart rate achieved (thalach) and age, considering the presence or absence of heart disease (target)?'
rationale str	'This visualization helps identify potential trends in maximum heart rate with age and how these trends differ between individuals with and without heart disease. Color-coding by target allows for direct comparison.'
visualization str	'Scatter plot of thalach vs. age, colored by target'

What is the relationship between maximum heart rate achieved (thalach) and age, considering the presence or absence of heart disease (target)?

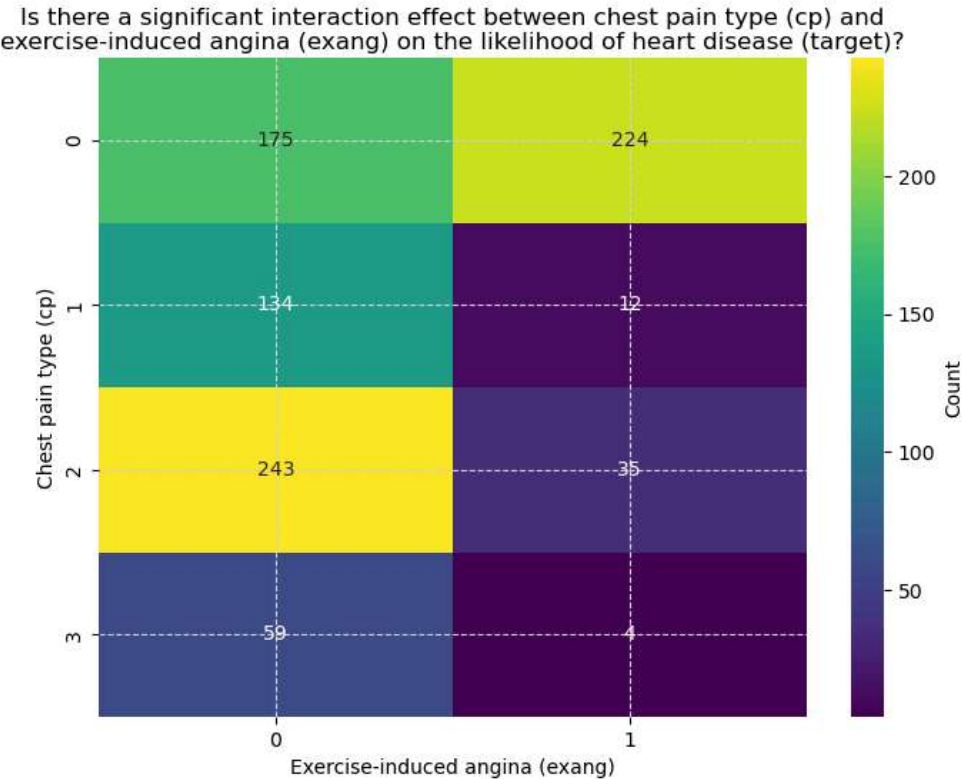


[Download Chart](#)

 VizOps ▼

✳ Insight 2:

<pre>main() Goal Goal(question='Is there a significant interaction effect between chest pain type (cp) and exercise-induced angina (exang) on the likelihood of heart disease (target)?', visualization='Heatmap showing the count of target (0 and 1) for each combination of cp and exang', rationale='A heatmap allows for...')</pre>	
A visualization goal	
index int	2
question str	'Is there a significant interaction effect between chest pain type (cp) and exercise-induced angina (exang) on the likelihood of heart disease (target)?'
rationale str	'A heatmap allows for a clear visualization of the frequency of heart disease across different combinations of chest pain type and exercise-induced angina, revealing potential interactions.'
visualization str	'Heatmap showing the count of target (0 and 1) for each combination of cp and exang'



```
main() Goal Goal(question='How do the different levels of the number of major vessels
(ca) influence the maximum heart rate achieved (thalach) in patients with and without
heart disease (target)?', visualization='Violin plot of thalach split by ca and target',
rationale='Violin plots combine the benefits of box...
```

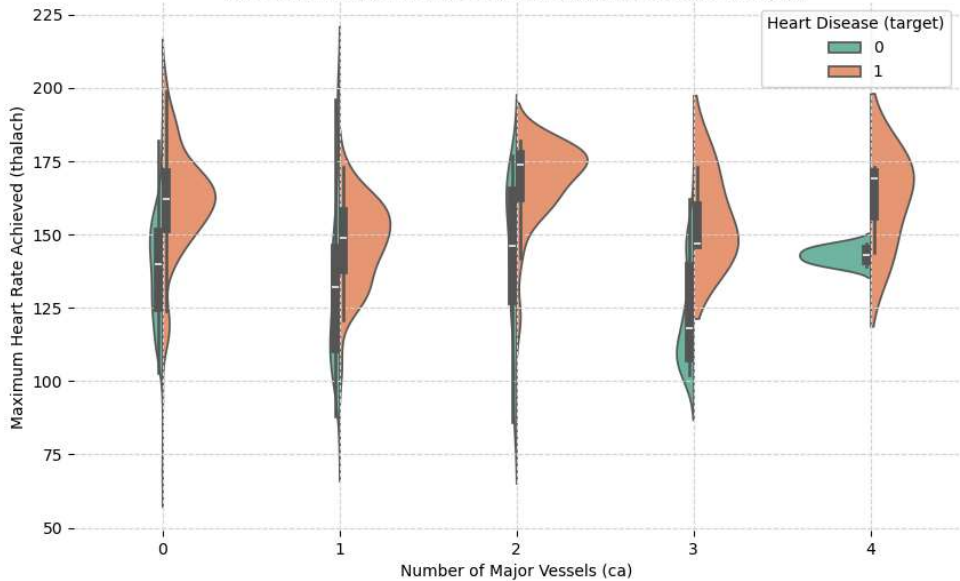
```
index int 3
```

'How do the different levels of the number of major vessels (ca) influence the maximum heart rate achieved (thalach) in patients with and without heart disease (target)?'

'Violin plots combine the benefits of box plots and kernel density estimations, providing a richer understanding of the distribution of maximum heart rate across different numbers of major vessels and heart disease status.'

```
'Violin plot of thalach split by ca and target'
```

How do the different levels of the number of major vessels (ca) influence the maximum heart rate achieved (thalach) in patients with and without heart disease (target)?



[Download Chart](#)

VizOps

✳ Insight 4:

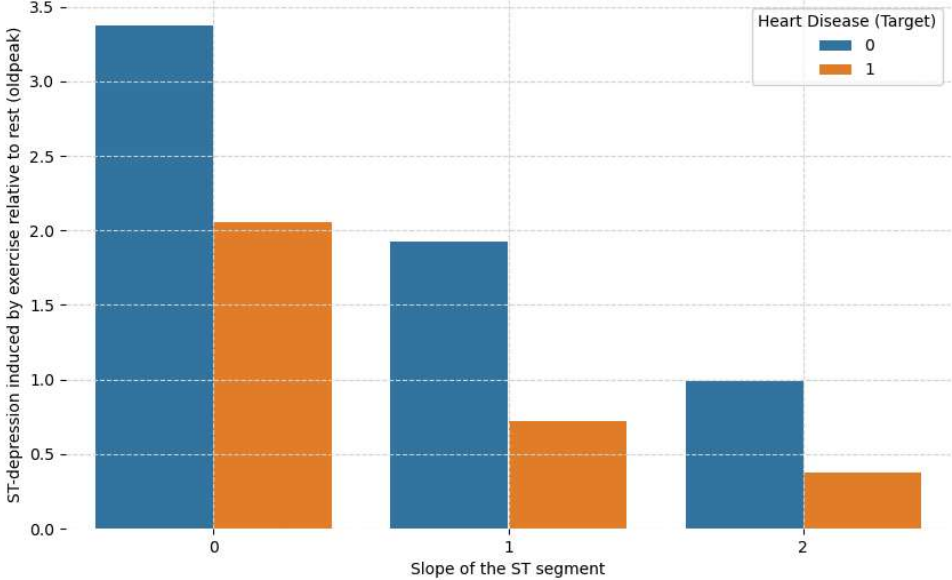
```
main() Goal Goal(question='What is the distribution of ST-depression induced by exercise relative to rest (oldpeak) across different slopes of the ST segment (slope) and how does this relate to heart disease (target)?', visualization='Grouped bar chart showing the distribution of oldpeak for each slope, further...')
```

A visualization goal

index	int	4
question	str	'What is the distribution of ST-depression induced by exercise relative to rest (oldpeak) across different slopes of the ST segment (slope) and how does this relate to heart disease (target)?'

rationale <code>str</code>	'This visualization allows for a comparison of ST-depression across different ST segment slopes and heart disease status, revealing potential patterns and relationships.'
visualization <code>str</code>	'Grouped bar chart showing the distribution of oldpeak for each slope, further broken down by target'

What is the distribution of ST-depression induced by exercise relative to rest (oldpeak) across different slopes of the ST segment (slope) and how does this relate to heart disease (target)?



[Download Chart](#)

VizOps