🏠 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

📄 diabetes.csv 23.3KB   ✕
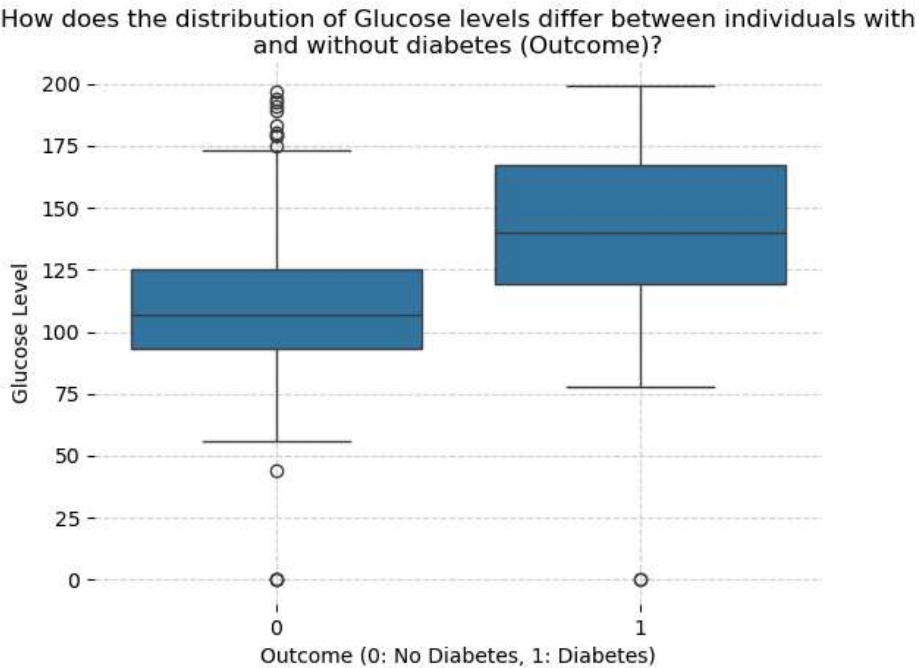
Successfully uploaded a CSV file with 768 rows of data.

	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	DiabetesPedigreeFunction	Age	Outco
0	6	148	72	35	0	33.6	0.627	50	
1	1	85	66	29	0	26.6	0.351	31	
2	8	183	64	0	0	23.3	0.672	32	
3	1	89	66	23	94	28.1	0.167	21	
4	0	137	40	35	168	43.1	2.288	33	

No missing or duplicate values found in the data.

Generate Charts

✳ Insight 0:

```
main() Goal Goal(question='How does the distribution of Glucose levels differ between
individuals with and without diabetes (Outcome)?', visualization='Box plot of Glucose
(y-axis) grouped by Outcome (x-axis)', rationale="This visualization uses the 'Glucose'
and 'Outcome' fields to compare the central tendency...
```

A visualization goal	
index int	0
question str	'How does the distribution of Glucose levels differ between individuals with and without diabetes (Outcome)?'
rationale str	"This visualization uses the 'Glucose' and 'Outcome' fields to compare the central tendency, spread, and potential outliers of glucose levels in the two groups. It will reveal if there are statistically significant differences in glucose levels between diabetic and non-diabetic individuals, providi...
visualization str	'Box plot of Glucose (y-axis) grouped by Outcome (x-axis)'

How does the distribution of Glucose levels differ between individuals with and without diabetes (Outcome)?
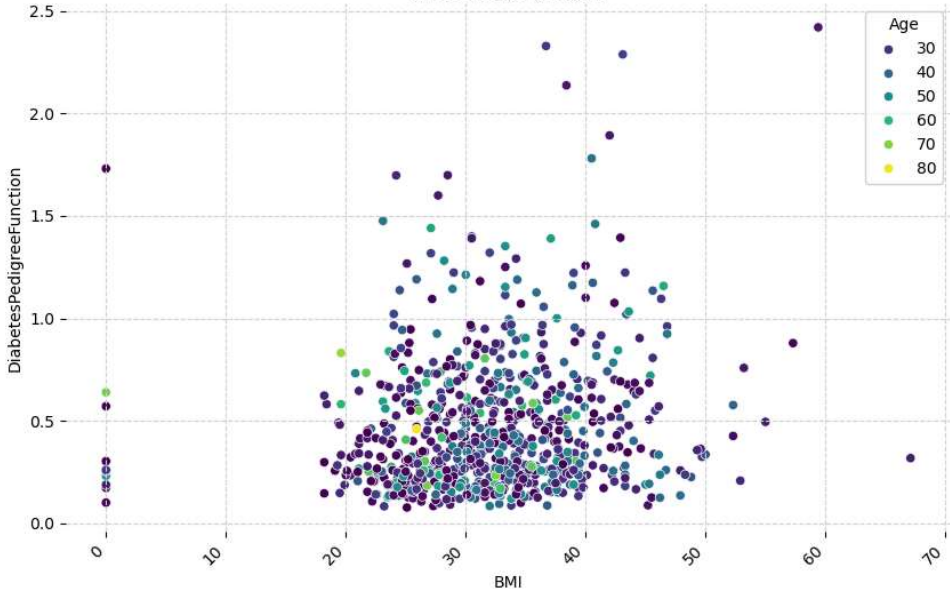
˚✮ ₍ つ•.•ﻌ•?つ Download Chart ˚✮

⚙ VizOps ⌄

✷ Insight 1:

```
main() Goal Goal(question='What is the correlation between BMI and the
DiabetesPedigreeFunction, and how does this relationship vary across different age
groups?', visualization='Scatter plot of BMI vs. DiabetesPedigreeFunction, with points
colored by Age', rationale="This visualization uses 'BMI', 'DiabetesPed...
```

A visualization goal	
index int	1
question str	'What is the correlation between BMI and the DiabetesPedigreeFunction, and how does this relationship vary across different age groups?'
rationale str	"This visualization uses 'BMI', 'DiabetesPedigreeFunction', and 'Age' to explore the relationship between these three variables. Color-coding by age allows us to identify potential age-related patterns in the correlation, revealing if the relationship between BMI and family history of diabetes chan...
visualization str	'Scatter plot of BMI vs. DiabetesPedigreeFunction, with points colored by Age'

What is the correlation between BMI and the DiabetesPedigreeFunction, and how does this relationship vary across different age groups?

°*⸜つ•ﻌ•ʔつ Download Chart °*

⚙ VizOps ⌄

✸ Insight 2:

```
main() Goal Goal(question='What is the combined effect of Pregnancies, Age, and BMI on
the likelihood of developing diabetes (Outcome)?', visualization='3D scatter plot with
Pregnancies, Age, and BMI as axes, and points colored by Outcome', rationale="This
visualization uses 'Pregnancies', 'Age', 'BMI', and 'Ou...
```
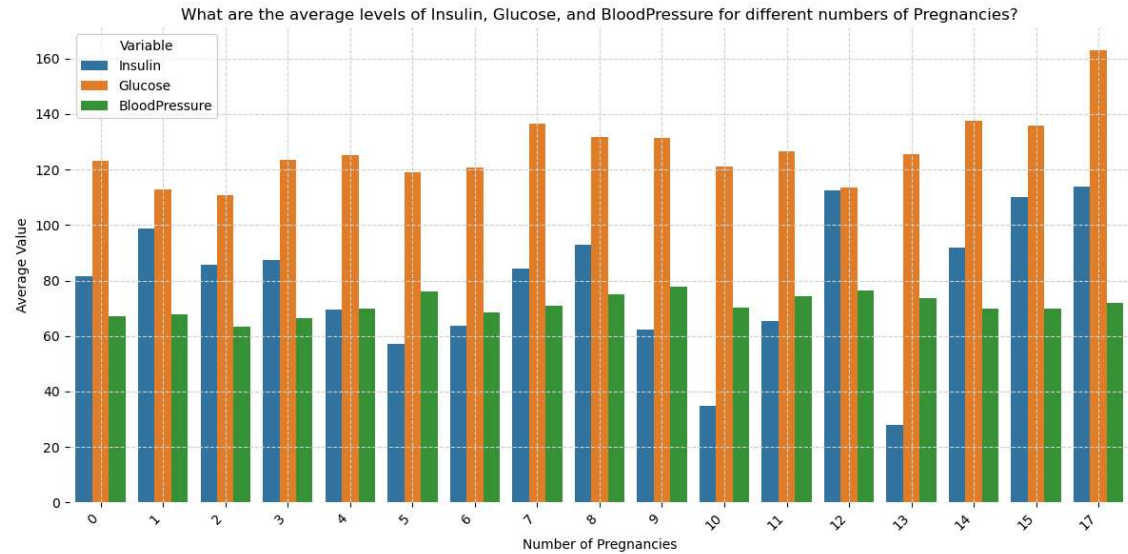
A visualization goal

index int	2
question str	'What is the combined effect of Pregnancies, Age, and BMI on the likelihood of developing diabetes (Outcome)?'
rationale str	"This visualization uses 'Pregnancies', 'Age', 'BMI', and 'Outcome' to explore the multi-dimensional relationship between these variables. The

	color-coding by outcome will highlight regions in the 3D space where diabetes is more or less prevalent, revealing potential interaction effects between the...
visualization str	'3D scatter plot with Pregnancies, Age, and BMI as axes, and points colored by Outcome'

✷ Insight 3:

main() Goal Goal(question='What are the average levels of Insulin, Glucose, and BloodPressure for different numbers of Pregnancies?', visualization='Grouped bar chart showing average Insulin, Glucose, and BloodPressure for each value of Pregnancies', rationale="This visualization uses 'Pregnancies', 'Insulin', ...	
A visualization goal	
index int	3
question str	'What are the average levels of Insulin, Glucose, and BloodPressure for different numbers of Pregnancies?'
rationale str	"This visualization uses 'Pregnancies', 'Insulin', 'Glucose', and 'BloodPressure' to compare the average levels of these variables across different pregnancy counts. It will reveal if there are trends in these physiological measures associated with the number of pregnancies."
visualization str	'Grouped bar chart showing average Insulin, Glucose, and BloodPressure for each value of Pregnancies'

What are the average levels of Insulin, Glucose, and BloodPressure for different numbers of Pregnancies?
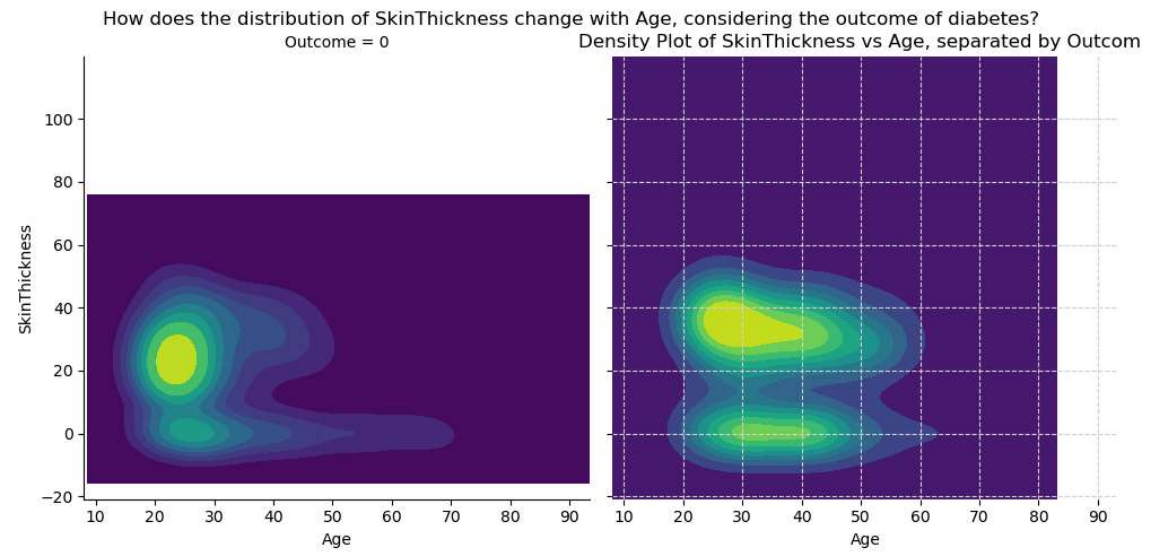
⚙ VizOps ⌄

✸ Insight 4:

```
main() Goal Goal(question='How does the distribution of SkinThickness change with Age,
considering the outcome of diabetes?', visualization='Heatmap showing the density of
SkinThickness across different Age ranges, with separate panels for Outcome 0 and
Outcome 1', rationale="This visualization uses 'SkinThickn...
```

A visualization goal

index int	4
question str	'How does the distribution of SkinThickness change with Age, considering the outcome of diabetes?'
rationale str	"This visualization uses 'SkinThickness', 'Age', and 'Outcome' to explore the relationship between skin thickness, age, and diabetes status. Separate panels for each outcome allow for a direct comparison of the distributions, revealing potential age-related differences in skin thickness between dia...

visualization `str`	'Heatmap showing the density of SkinThickness across different Age ranges, with separate panels for Outcome 0 and Outcome 1'

How does the distribution of SkinThickness change with Age, considering the outcome of diabetes?

Outcome = 0 ・ Density Plot of SkinThickness vs Age, separated by Outcom

°⋆ʕっ•ᴥ•ʔっ Download Chart °⋆

⚙ VizOps ⌄