- 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

0.30

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

bodyPerformance.csv 0.7MB

Successfully uploaded a CSV file with 13393 rows of data.

	age	gender	height_cm	weight_kg	body fat_%	diastolic	systolic	gripForce	sit and bend forward_cm	si
0	27	M	172.3	75.24	21.3	80	130	54.9	18.4	
1	25	M	165	55.8	15.7	77	126	36.4	16.3	
2	31	M	179.6	78	20.1	92	152	44.8	12	
3	32	M	174.5	71.1	18.4	76	147	41.4	15.2	
4	28	M	173.8	67.7	17.1	70	127	43.5	27.1	

Data cleaned!

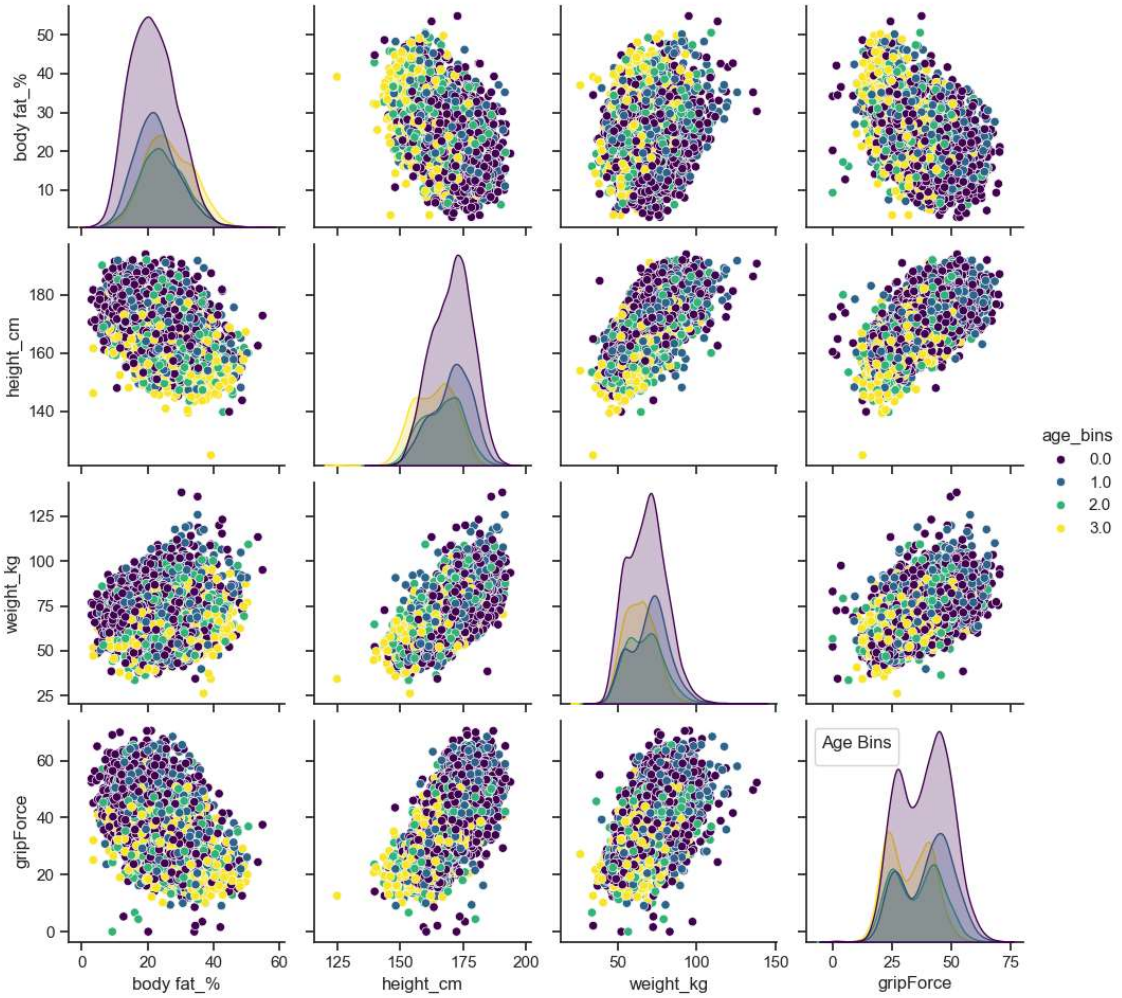
Generate Charts

✷ Insight 0:

```
main() Goal Goal(question='How does body fat percentage correlate with other
physiological measurements (height, weight, grip strength) across different age
groups?', visualization="Scatter plot matrix showing correlations between 'body fat_%',
'height_cm', 'weight_kg', 'gripForce', and colored by 'age' bins.",...
```

A visualization goal

index int	0
question str	'How does body fat percentage correlate with other physiological measurements (height, weight, grip strength) across different age groups?'
rationale str	'This visualization will reveal potential relationships between body fat and other physical attributes, stratified by age. We can identify if these relationships change significantly across different age ranges. Using a scatter plot matrix allows for efficient exploration of multiple pairwise corre...
visualization str	"Scatter plot matrix showing correlations between 'body fat_%', 'height_cm', 'weight_kg', 'gripForce', and colored by 'age' bins."



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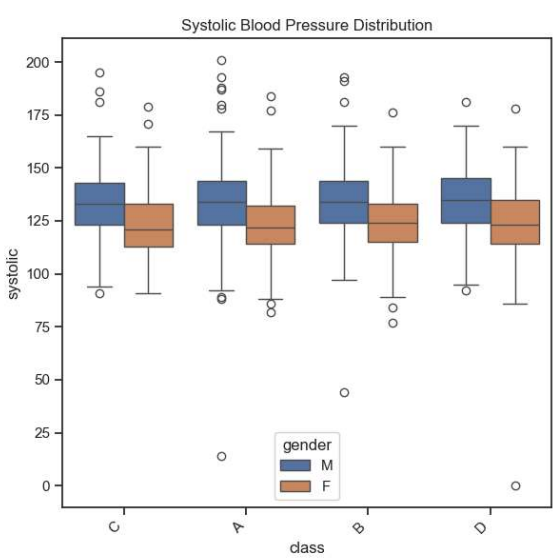
VizOps

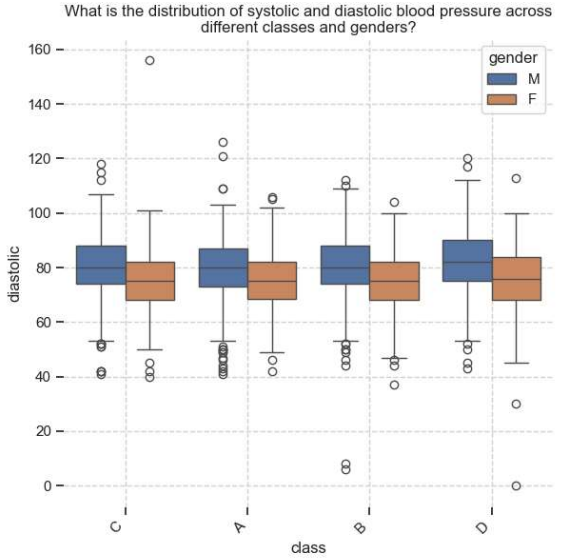
✷ Insight 1:

`main() Goal Goal(question='What is the distribution of systolic and diastolic blood pressure across different classes and genders?', visualization="Box plots of 'systolic' and 'diastolic' for each 'class' and split by 'gender'.", rationale='This will show if there are significant differences in blood pressure r...`

A visualization goal

index int	1
question str	'What is the distribution of systolic and diastolic blood pressure across different classes and genders?'
rationale str	'This will show if there are significant differences in blood pressure readings between classes and genders. Box plots effectively display the distribution (median, quartiles, outliers) for each group, making comparisons easy.'
visualization str	"Box plots of 'systolic' and 'diastolic' for each 'class' and split by 'gender'."





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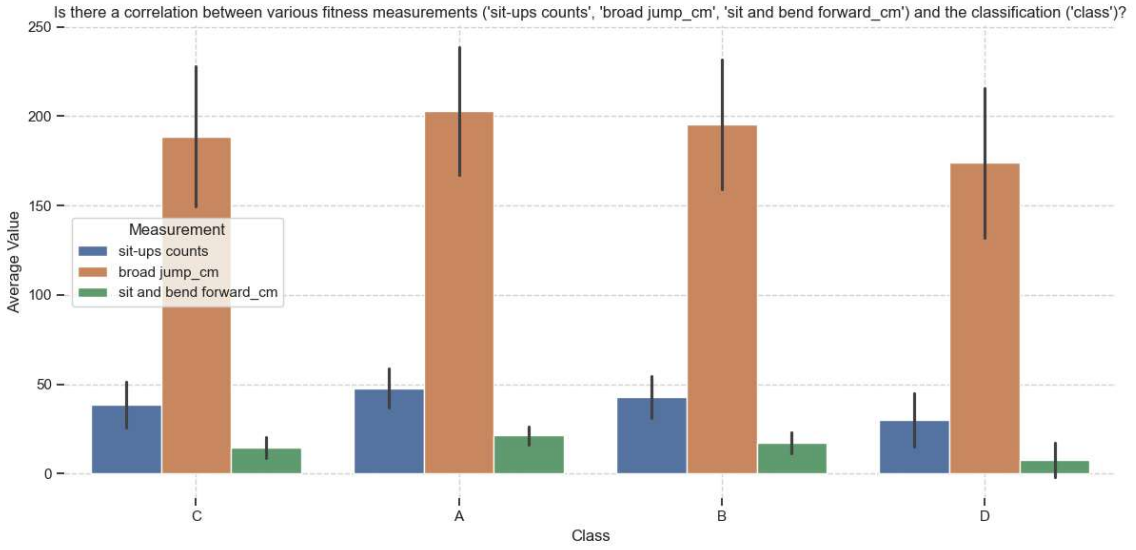
✷ Insight 2:

```
main() Goal Goal(question="Is there a correlation between various fitness measurements ('sit-ups counts', 'broad jump_cm', 'sit and bend forward_cm') and the classification ('class')?", visualization="Bar chart showing the average of 'sit-ups counts', 'broad jump_cm', and 'sit and bend forward_cm' for each 'cla...
```

A visualization goal

index int	2
question str	"Is there a correlation between various fitness measurements ('sit-ups counts', 'broad jump_cm', 'sit and bend forward_cm') and the classification ('class')?"
rationale str	'This helps understand if certain fitness levels are associated with specific classes. Using bar charts with error bars allows for a clear comparison of means and variability across classes for each fitness metric.'
visualization str	"Bar chart showing the average of 'sit-ups counts', 'broad jump_cm', and 'sit and bend forward_cm' for each 'class'. Error bars should represent standard deviation."



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✷ Insight 3:

```
main() Goal Goal(question="How does age affect the different fitness measurements ('sit-ups counts', 'broad jump_cm', 'sit and bend forward_cm')?", visualization="Line chart showing the average of 'sit-ups counts', 'broad jump_cm', and 'sit and bend forward_cm' across different age ranges (e.g., 5-year bins).",...
```

A visualization goal

index int	3
question str	"How does age affect the different fitness measurements ('sit-ups counts', 'broad jump_cm', 'sit and bend forward_cm')?"
rationale str	'This visualization will illustrate the trend of fitness metrics across the age spectrum. A line chart is suitable for showing trends over a continuous variable (age).'
visualization str	"Line chart showing the average of 'sit-ups counts', 'broad jump_cm', and 'sit and bend forward_cm' across different age ranges (e.g., 5-year bins)."

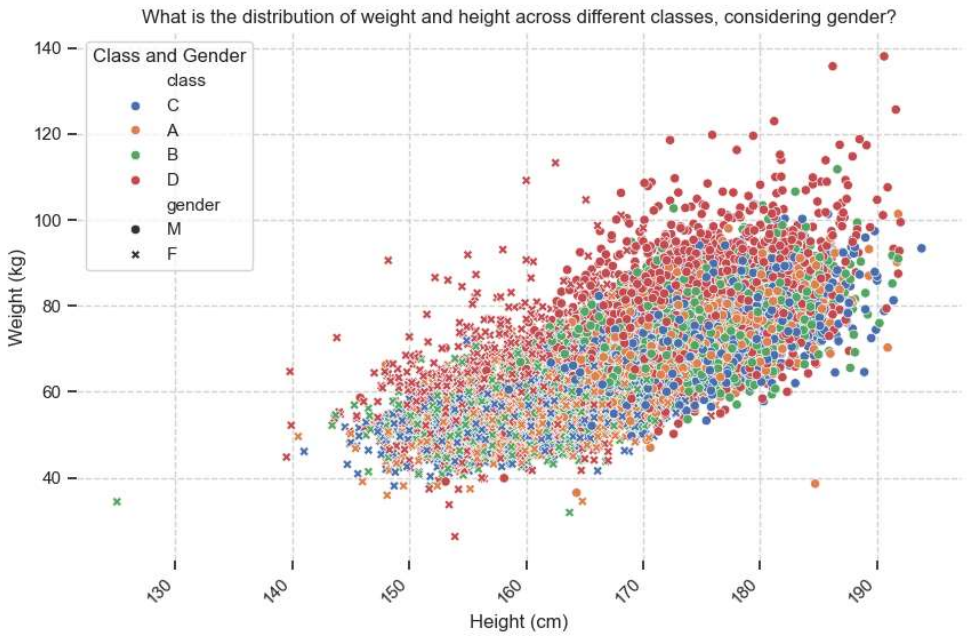
✷ Insight 4:

```
main() Goal Goal(question='What is the distribution of weight and height across different classes, considering gender?', visualization="Scatter plot of 'weight_kg' vs. 'height_cm', with points colored by 'class' and shaped by 'gender'.", rationale='This allows for a visual exploration of the relationship betwee...
```

A visualization goal

index int	4
question str	'What is the distribution of weight and height across different classes, considering gender?'
rationale str	'This allows for a visual exploration of the relationship between weight and height within different classes and genders. We can observe potential clustering patterns and identify outliers.'

visualization str	"Scatter plot of 'weight_kg' vs. 'height_cm', with points colored by 'class' and shaped by 'gender'."



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