- 🏠 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

0.70

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

birdstrikes.csv 1.2MB

Successfully uploaded a CSV file with 10000 rows of data.

	Airport Name	Aircraft Make Model	Effect Amount of damage	Flight Date	Aircraft Airline Operat
0	BARKSDALE AIR FORCE BASE ARPT	T-38A	None	1990-01-08	MILITARY
1	BARKSDALE AIR FORCE BASE ARPT	KC-10A	None	1990-01-09	MILITARY
2	BARKSDALE AIR FORCE BASE ARPT	B-52	None	1990-01-11	MILITARY
3	NEW ORLEANS INTL	B-737-300	Substantial	1990-01-11	SOUTHWEST AIRLINE
4	BARKSDALE AIR FORCE BASE ARPT	KC-10A	None	1990-01-12	MILITARY

Data cleaned!

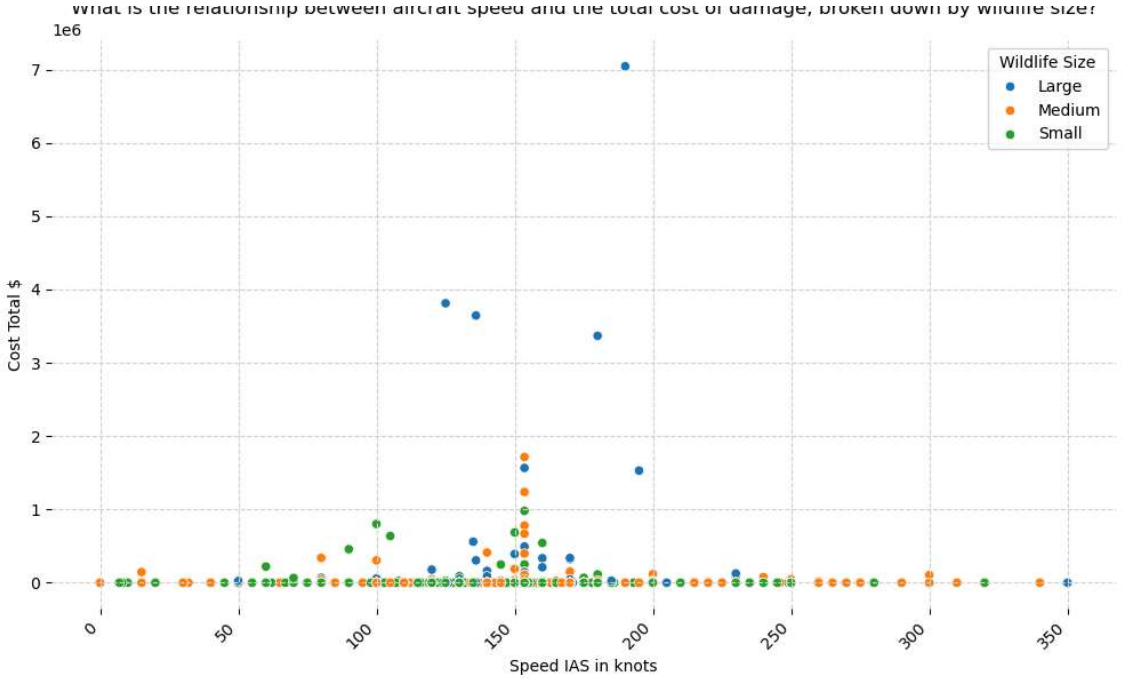
Generate Charts

✷ Insight 0:

main() Goal Goal(question='What is the relationship between aircraft speed and the total cost of damage, broken down by wildlife size?', visualization="Scatter plot of 'Speed IAS in knots' vs. 'Cost Total $', colored by 'Wildlife Size'", rationale="This visualization will reveal if faster speeds correlate with ...

A visualization goal

index int	0
question str	'What is the relationship between aircraft speed and the total cost of damage, broken down by wildlife size?'
rationale str	"This visualization will reveal if faster speeds correlate with higher costs and whether wildlife size is a significant factor in the cost of damage. Using a scatter plot allows for the exploration of the relationship between two continuous variables, while color-coding by 'Wildlife Size' adds a ca...
visualization str	"Scatter plot of 'Speed IAS in knots' vs. 'Cost Total $', colored by 'Wildlife Size'"



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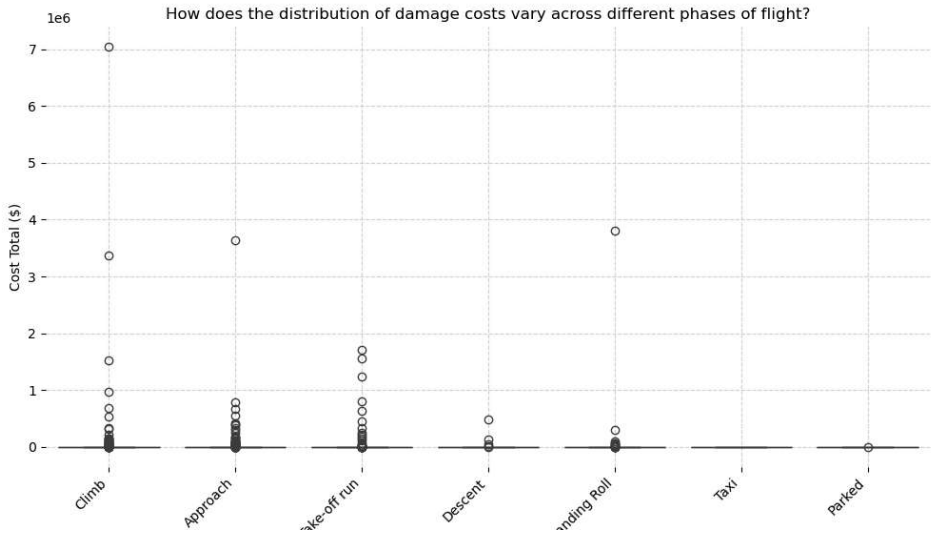
VizOps

✷ Insight 1:

main() Goal Goal(question='How does the distribution of damage costs vary across different phases of flight?', visualization="Box plot of 'Cost Total $' grouped by 'Phase of flight'", rationale="A box plot effectively displays the distribution (median, quartiles, outliers) of the 'Cost Total $' for each 'Phase ...

A visualization goal

index int	1
question str	'How does the distribution of damage costs vary across different phases of flight?'
rationale str	"A box plot effectively displays the distribution (median, quartiles, outliers) of the 'Cost Total $' for each 'Phase of flight', allowing for easy comparison of the central tendency and variability of repair costs across different flight phases. This helps identify if certain phases are riskier in ...
visualization str	"Box plot of 'Cost Total $' grouped by 'Phase of flight'"



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VizOps

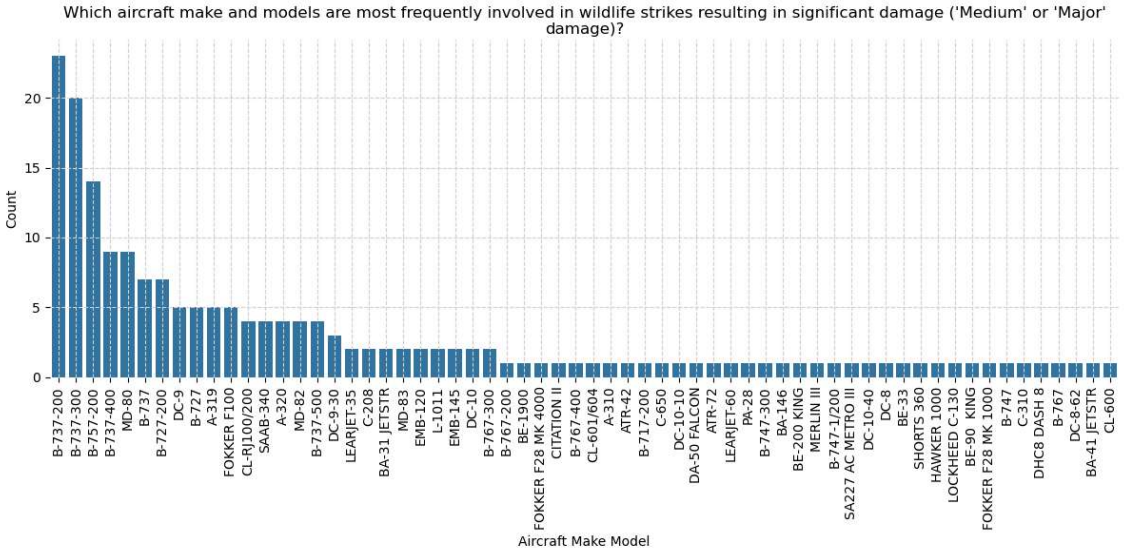
✷ Insight 2:

```
main() Goal Goal(question="Which aircraft make and models are most frequently involved in wildlife strikes resulting in significant damage ('Medium' or 'Major' damage)?", visualization="Bar chart showing the count of 'Aircraft Make Model' for each level of 'Effect Amount of damage' (filtering for 'Medium' and a...
```

A visualization goal

index int	2
question str	"Which aircraft make and models are most frequently involved in wildlife strikes resulting in significant damage ('Medium' or 'Major' damage)?"
rationale str	"This bar chart will identify aircraft types disproportionately involved in incidents causing considerable damage, highlighting potential design flaws or operational vulnerabilities. Filtering for only 'Medium' and above damage levels focuses the analysis on the most severe cases."

visualization str	"Bar chart showing the count of 'Aircraft Make Model' for each level of 'Effect Amount of damage' (filtering for 'Medium' and above)"



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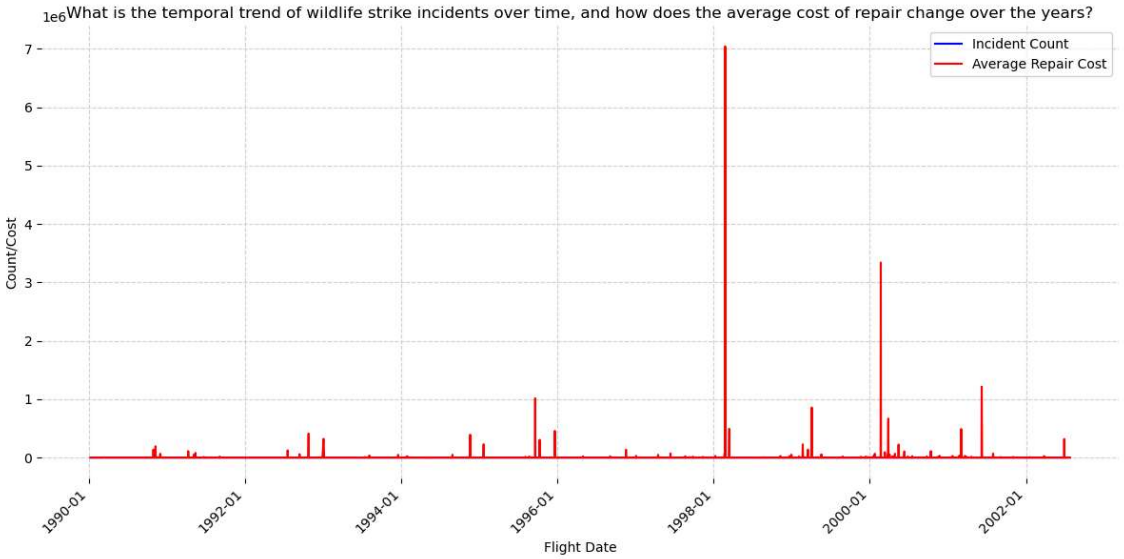
✷ Insight 3:

main() Goal Goal(question='What is the temporal trend of wildlife strike incidents over time, and how does the average cost of repair change over the years?', visualization="Line chart showing the count of incidents ('Flight Date') and the average 'Cost Repair' over time, with both lines plotted on the same gra...

A visualization goal

index int	3
question str	'What is the temporal trend of wildlife strike incidents over time, and how does the average cost of repair change over the years?'
rationale str	'This dual line chart reveals trends in the frequency and severity of wildlife strikes over time. It helps identify periods of increased risk

	and potential changes in cost patterns. Plotting both metrics on the same graph allows for direct comparison and the identification of potential correlations...
visualization str	"Line chart showing the count of incidents ('Flight Date') and the average 'Cost Repair' over time, with both lines plotted on the same graph"



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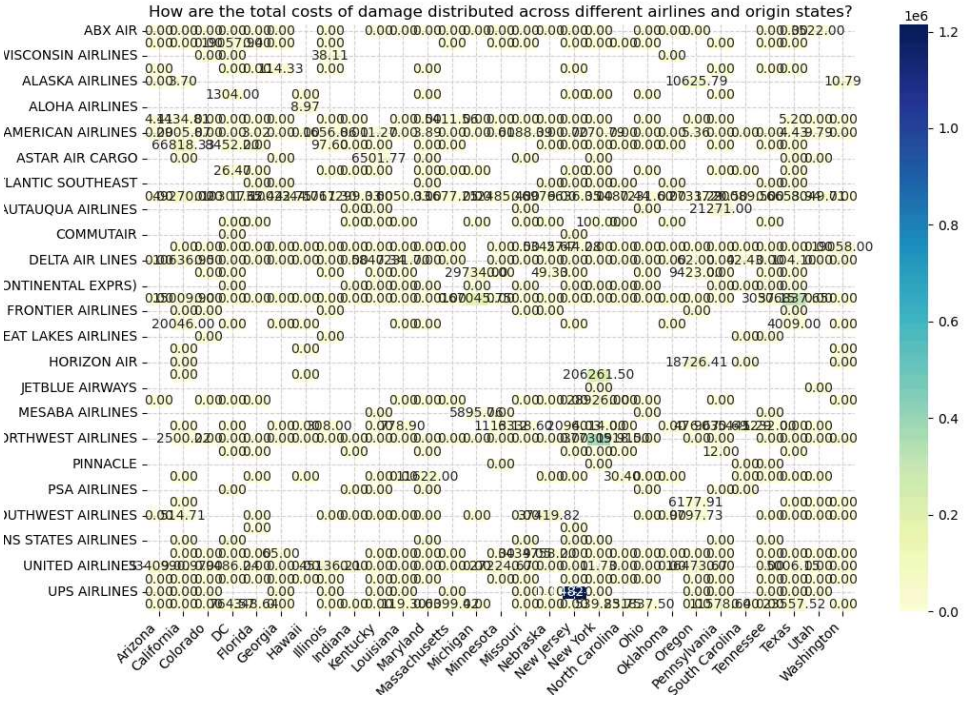
✷ Insight 4:

main() Goal Goal(question='How are the total costs of damage distributed across different airlines and origin states?', visualization="Heatmap showing the average 'Cost Total $' for each combination of 'Aircraft Airline Operator' and 'Origin State'", rationale='A heatmap visualizes the average cost of damage fo...

A visualization goal

index int	4

question str	'How are the total costs of damage distributed across different airlines and origin states?'
rationale str	'A heatmap visualizes the average cost of damage for each airline in each origin state, allowing for easy identification of high-cost combinations. This may reveal regional differences in wildlife strike frequency or severity, or highlight specific airlines with higher average damage costs that warr...
visualization str	"Heatmap showing the average 'Cost Total $' for each combination of 'Aircraft Airline Operator' and 'Origin State'"



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