

LIDA Tasks

 Filter Instruction  Requirements

Instruction: ▾

Temperature



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!




 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 ▾

✦ Insight 0:

A visualization goal

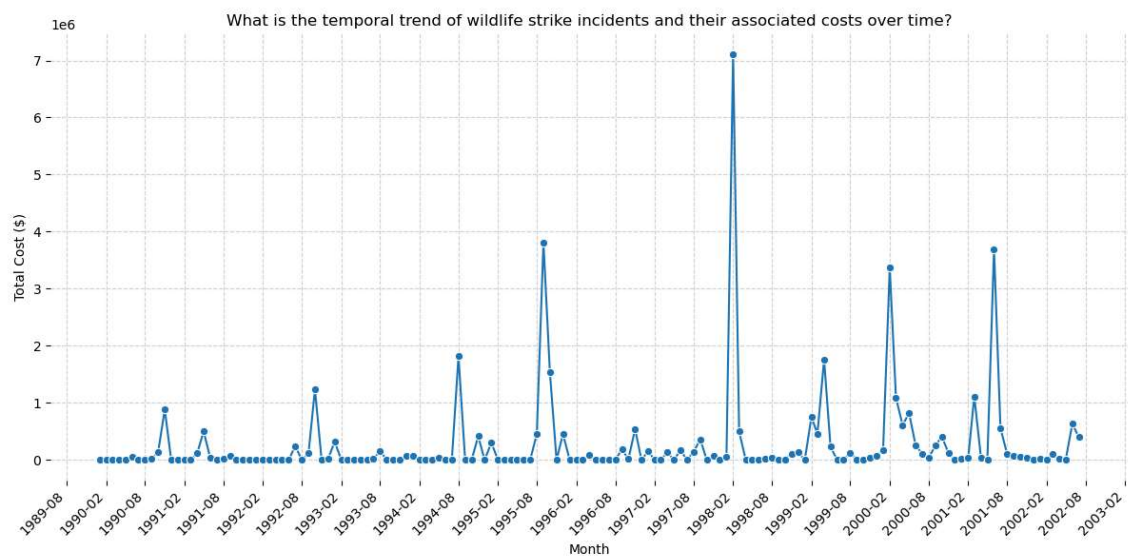
```
question str aircraft make and models, and are there specific models
disproportionately affected?'
```

```
visualization str      "Box plot of 'Cost Total $' grouped by 'Aircraft Make Model'"
```




✳ Insight 1:

<pre>main() Goal Goal(question='What is the temporal trend of wildlife strike incidents and their associated costs over time?', visualization="Line chart showing the trend of 'Cost Total \$' summed per month from 'Flight Date'", rationale="This uses 'Flight Date' to establish a timeline and aggregates 'Cost Total \$' ...</pre>	
A visualization goal	
index <code>int</code>	1
question <code>str</code>	'What is the temporal trend of wildlife strike incidents and their associated costs over time?'
rationale <code>str</code>	"This uses 'Flight Date' to establish a timeline and aggregates 'Cost Total \$' to show the overall cost trend over time. This reveals if there are seasonal patterns or long-term changes in the frequency or cost of wildlife strikes."
visualization <code>str</code>	"Line chart showing the trend of 'Cost Total \$' summed per month from 'Flight Date'"



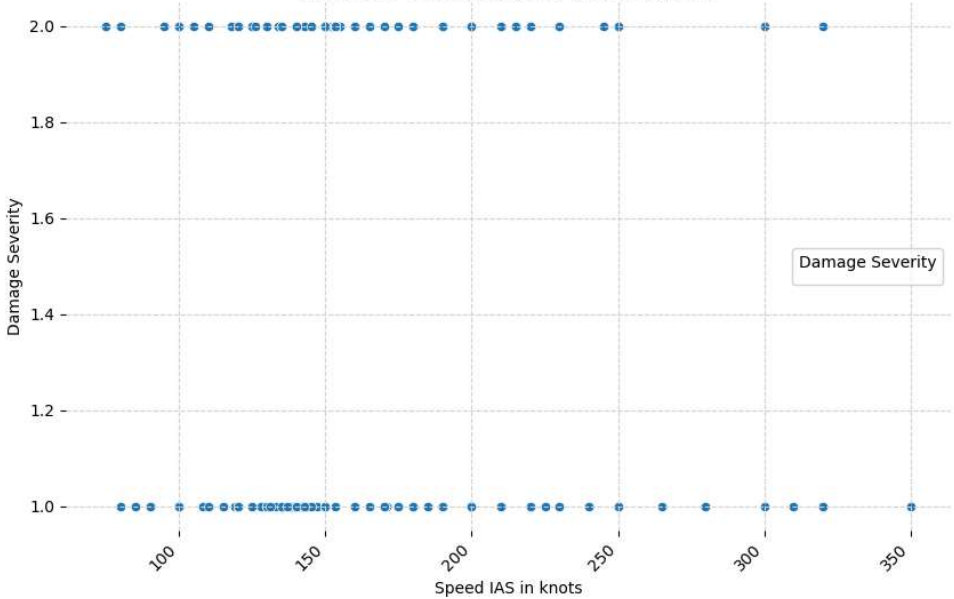
◦*↶•••?↷ Download Chart ◦*

 VizOps ▾

✱ Insight 2:

<pre>main() Goal Goal(question="What is the relationship between the speed of the aircraft ('Speed IAS in knots') and the severity of damage ('Effect Amount of damage') during wildlife strikes?", visualization="Scatter plot of 'Speed IAS in knots' vs. a numerical representation of 'Effect Amount of damage' (e.g., Mi...</pre>	
A visualization goal	
index int	2
question str	"What is the relationship between the speed of the aircraft ('Speed IAS in knots') and the severity of damage ('Effect Amount of damage') during wildlife strikes?"
rationale str	"This visualization explores the correlation between 'Speed IAS in knots' and the severity of damage, numerically coded from 'Effect Amount of damage'. It helps determine if higher speeds correlate with more severe damage."
visualization str	"Scatter plot of 'Speed IAS in knots' vs. a numerical representation of 'Effect Amount of damage' (e.g., Minor=1, Medium=2, Major=3 etc.)"

What is the relationship between the speed of the aircraft ('Speed IAS in knots') and the severity of damage ('Effect Amount of damage') during wildlife strikes?



[Download Chart](#)

VizOps

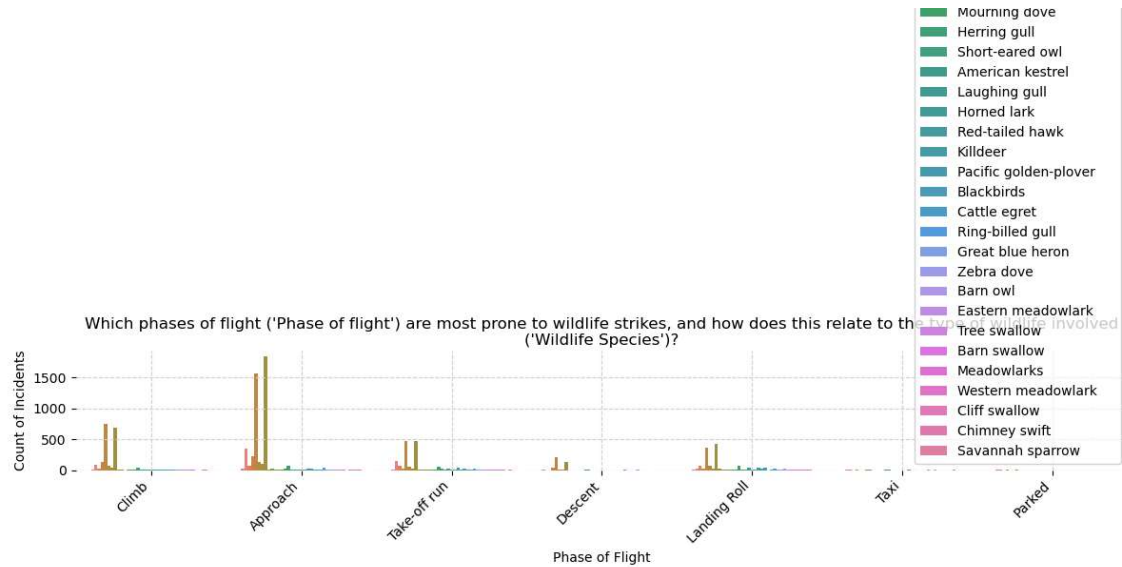
✳ Insight 3:

```
main() Goal Goal(question="Which phases of flight ('Phase of flight') are most prone to wildlife strikes, and how does this relate to the type of wildlife involved ('Wildlife Species')?", visualization="Stacked bar chart showing the count of incidents for each 'Phase of flight', further broken down by 'Wildlife...")
```

A visualization goal

index	int	3
question	str	"Which phases of flight ('Phase of flight') are most prone to wildlife strikes, and how does this relate to the type of wildlife involved ('Wildlife Species')?"

rationale str	"This uses 'Phase of flight' to categorize the incidents and 'Wildlife Species' to identify the type of wildlife involved. This helps determine if certain phases of flight are more risky and which wildlife species are most frequently involved in strikes during those phases."
visualization str	"Stacked bar chart showing the count of incidents for each 'Phase of flight', further broken down by 'Wildlife Species'"



[Download Chart](#)

VizOps

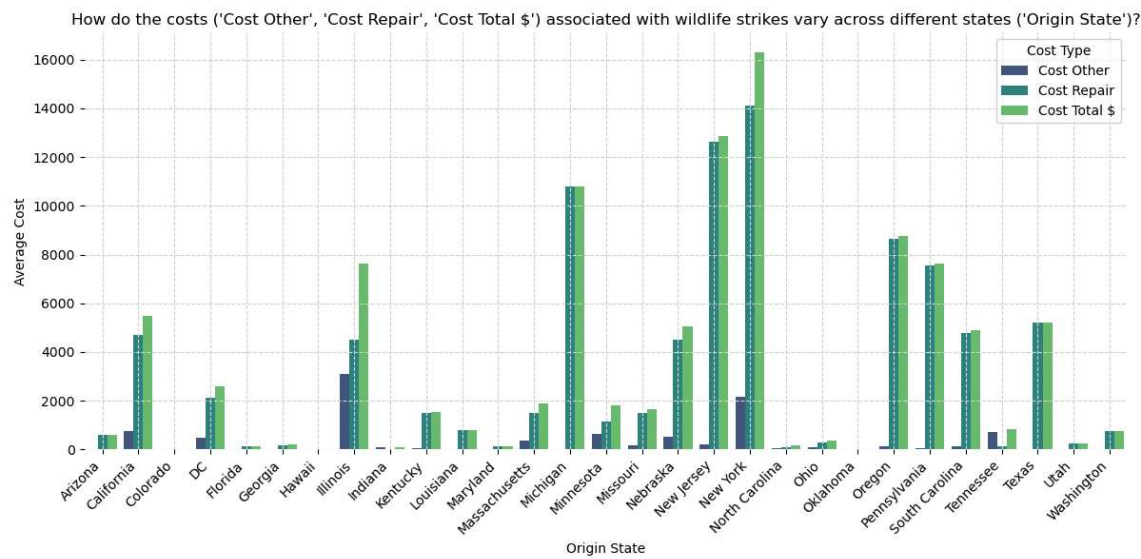
✳ Insight 4:

```
main() Goal Goal(question="How do the costs ('Cost Other', 'Cost Repair', 'Cost Total $') associated with wildlife strikes vary across different states ('Origin State')?", visualization="Bar chart showing the average of 'Cost Other', 'Cost Repair', and 'Cost Total $' for each 'Origin State'", rationale="This vi...
```


A visualization goal

index int	4
------------------------	---

question str	"How do the costs ('Cost Other', 'Cost Repair', 'Cost Total \$') associated with wildlife strikes vary across different states ('Origin State')?"
rationale str	"This visualization uses the cost fields ('Cost Other', 'Cost Repair', 'Cost Total \$') to represent the financial impact and groups them by 'Origin State'. This allows for a comparison of costs across different states, potentially revealing regional differences in the cost of wildlife strikes."
visualization str	"Bar chart showing the average of 'Cost Other', 'Cost Repair', and 'Cost Total \$' for each 'Origin State'"



Download Chart

 VizOps