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Choose your provider and Enter API Key:

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Gemini

Gemini API key:

.....

Successfully connected to Gemini!

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Summarize & Goal

LIDA Tasks

Filter Instruction Requirements


Instruction: ▾



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!

✦ 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'"
```



A visualization goal

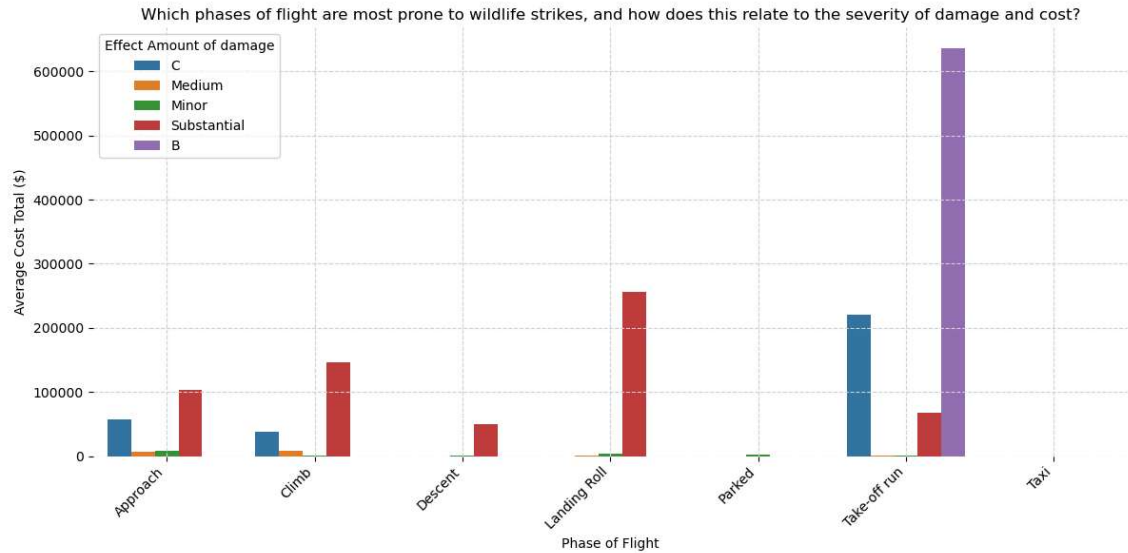
```
question str 'What is the temporal trend of wildlife strike incidents and their  
associated costs over time?'
```

```
visualization str      "Line chart showing the trend of 'Cost Total $' over 'Flight Date'"
```



✱ Insight 2:

<pre>main() Goal Goal(question='Which phases of flight are most prone to wildlife strikes, and how does this relate to the severity of damage and cost?', visualization='Grouped bar chart showing the average 'Cost Total \$' for each 'Phase of flight' categorized by 'Effect Amount of damage'', rationale='This combines ...</pre>	
A visualization goal	
index int	2
question str	'Which phases of flight are most prone to wildlife strikes, and how does this relate to the severity of damage and cost?'
rationale str	"This combines 'Phase of flight', 'Effect Amount of damage', and 'Cost Total \$' to show the relationship between flight phase, damage severity, and cost. It helps identify high-risk phases and the associated financial impact."
visualization str	"Grouped bar chart showing the average 'Cost Total \$' for each 'Phase of flight' categorized by 'Effect Amount of damage'"



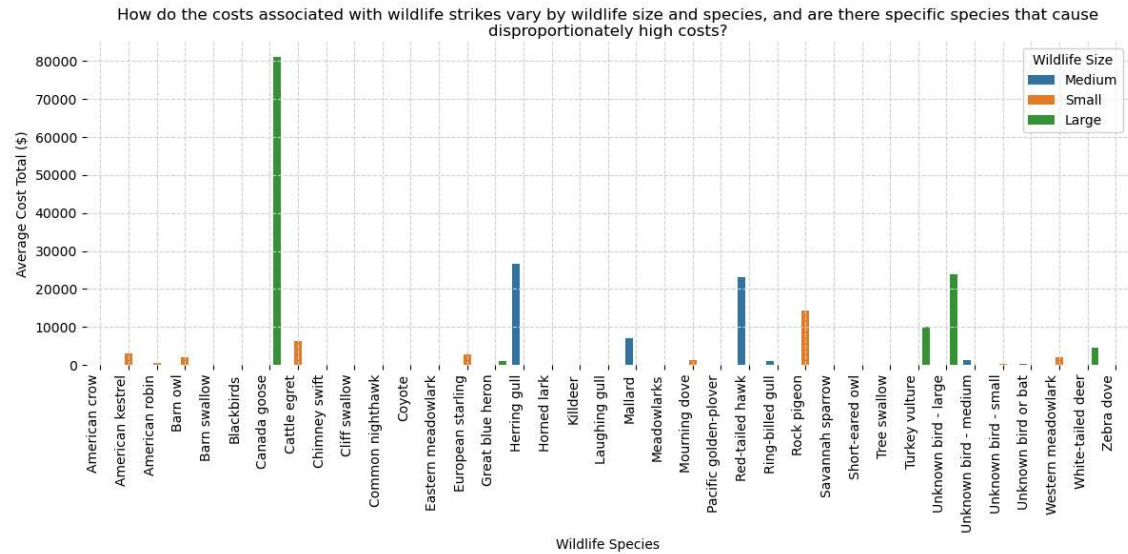
```
main() Goal Goal(question='How do the costs associated with wildlife strikes vary by
wildlife size and species, and are there specific species that cause disproportionately
high costs?', visualization="Bar chart showing the average 'Cost Total $' for each
'Wildlife Species' further broken down by 'Wildlife Size..."
```

```
index int 3
```

'How do the costs associated with wildlife strikes vary by wildlife size and species, and are there specific species that cause disproportionately high costs?'

"This visualization uses 'Wildlife Species' and 'Wildlife Size' to categorize the wildlife involved and 'Cost Total \$' to show the cost. This helps identify specific species or size categories that are responsible for the most expensive incidents."

"Bar chart showing the average 'Cost Total \$' for each 'Wildlife Species' further broken down by 'Wildlife Size'"

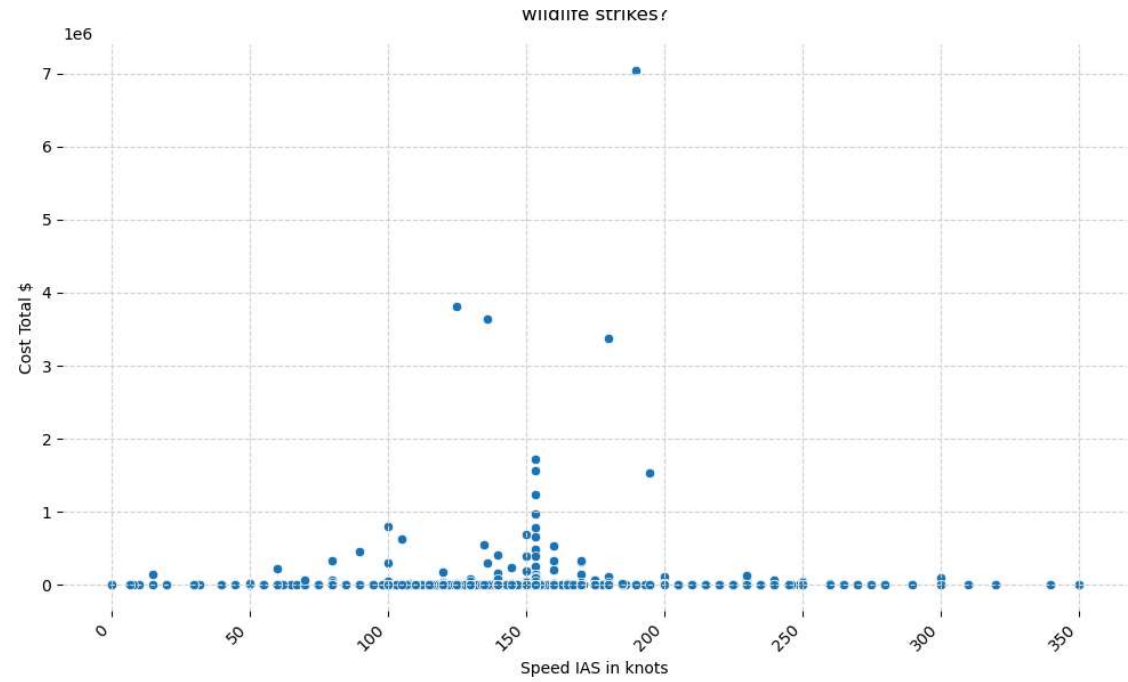


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VizOps

✳ Insight 4:

<pre>main() Goal(goal="Is there a correlation between aircraft speed ('Speed IAS in knots') and the cost of damage ('Cost Total \$') during wildlife strikes?", visualization="Scatter plot of 'Speed IAS in knots' vs. 'Cost Total \$'", rationale="This uses a scatter plot to explore the potential relationship be...")</pre>	
A visualization goal	
index	int 4
question	str "Is there a correlation between aircraft speed ('Speed IAS in knots') and the cost of damage ('Cost Total \$') during wildlife strikes?"
rationale	str "This uses a scatter plot to explore the potential relationship between 'Speed IAS in knots' and 'Cost Total \$'. This helps determine if higher speeds are associated with more expensive damage from wildlife strikes. A trend line could be added for further analysis."
visualization	str "Scatter plot of 'Speed IAS in knots' vs. 'Cost Total \$'"



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