Q1 Information and Honor Code

3 Points

In this assignment, you work through the Colab0 worksheet and obtain results from it. For each question box in Q2-Q5, you need to fill in a number, and only the fully corrected answer will receive 1 point. No late day is allowed for any Colab assignment.

Please verify that you have read the above instructions and the Stanford Honor Code and that you have not given or received unpermitted aid while completing this assignment.

If you have any questions about how the Honor Code applies to Colab assignments or other parts of the course, please contact the teaching staff for clarification.

◉ I have read and understood the above information

Q2 Which countries are involved and in how many missions?

3 Points

After grouping the missions by `ContryFlyingMission` and counting the records, we show the top five countries with mission counts. Please fill in the **mission counts** for the top **three countries**.

Q2.1 UNITED STATES OF AMERICA

1 Point

Q2.2 VIETNAM (SOUTH)

1 Point

Q2.3 LAOS
1 Point

Q3 Show the number of missions in time for each of the countries involved.
3 Points

After grouping mission by date and sorting in increasing date order, we display the earliest five dates for the country `UNITED STATES OF AMERICA`. Please fill in the **mission counts** for the first **three dates**.

Q3.1 1965-10-01
1 Point

Q3.2 1965-10-02
1 Point

Q3.3 1965-10-03
1 Point

Q4 Who bombed this location?
3 Points

We next seek to identify the most common take-off locations on 29 June 1966 in the context of the Rolling Thunder operation. Please fill in the **mission counts** for the top **three take-off locations** on that day.

Q4.1 CONSTELLATION
1 Point

Q4.2 TAKHLI
1 Point

Q4.3 KORAT
1 Point

Q5 What is the most used aircraft type during the Vietnam war (number of missions)?
3 Points

Finally, we are interested in identifying the most used aircraft types. We do this via grouping by the aircraft type and sorting by mission counts. Please fill in the **mission counts** for the top **three aircraft types** during the war.

Q5.1 Fighter Jet Bomber
1 Point

Q5.2 Fighter Jet
1 Point

Q5.3 Jet Fighter Bomber

1 Point