

<Last Name, First Name>, *Intelligence Writing and Presentation*
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An example of linking US Flight data to show revenue by airline and destination

Executive Summary:

Linking US flight data and flight revenue data it can be seen that the top earning cargo revenue flight is American Airline flights to Dallas Fort Worth and lowest earning coach revenue destination is Laguardia Airport.

Discussion:

Selection:

To arrive at the conclusion, unique carrier and destination was select from the us_flights dataset. Aggregate functions were applied to the cargo revenue, first class revenue, business class revenue, and coach revenue from the flight_revenue dataset. The aggregation functions will provide the total amounts of revenue earned.

Tables:

To join the tables a common column is needed, both tables possess a destination field. The table us_flights dest column was joined to the destination_airport column in the flight_revenue table. A full join was used, which means all rows from both tables are returned regardless of a match.

Filter (Where Clause):

Results were filtered so that flights longer 138 minutes were included in the results.

Grouping:

Results are grouped first by airline then by destination to show which airline and destination generated the most revenue.

Ordering:

Results were ordered by revenue, airline, and destination to show which airline and destination has the most revenue.