Project Goals

Final Project Datasets

- Open Flights
  - https://openflights.org/data.html
  - Data can be obtained from Github in a CSV format

Traversals

- BFS (Breadth First Search)
  - Used for traversing graph or data

Algorithms

- Graphic Output of Graph from complex or uncovered options
  - Project on to map based on data
  - Using Degree Centrality to calculate the busiest airport
  - Each edge represents the route between the two airports
  - The weight of the edges would be increased by 1 if the route between the two airports is found
  - The weight of the vertex that is used for the degree centrality is calculated by the addition of in-degree centrality and out-degree centrality of the edges, which is the weight of the edges.
- Landmark Path (shortest path from a to b through c)
  - https://www.coursera.org/lecture/cs-fundamentals-3/4-3-4-graphs-landmark-path-problem-uQmGv