**Analyzing Airline Delays**

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| **Team Lead** | **Team Members** | |
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Description: Analyzing airline delays from June 2003 – May 2022

Did COVID-19 affect the airline industry?

Which airline has the most delays/cancellations?

Does airport location factor into delays?

Spike in overall flights booked? Did COVID affect # of flights?

Dataset - <https://www.kaggle.com/datasets/ryanjt/airline-delay-cause>

* Accessing Data
  + Convert to DataFrame
  + Interpret column descriptions
  + Determine column formats for analysis
* Cleaning Data
  + Determine size of data
  + Eliminate null data (if applicable)
  + Eliminate columns (if any)
  + Eliminate duplicate information (if any)
* Charts
  + Line plot displaying all cancelled flights over time period
    - Determine airline with most cancellations
  + Line plot displaying delays over time period
    - Determine airline & airport with most delays
  + Bar charts – Total # Flights/Airline; Total # Cancelled/Airline; Pct Cancelled/Airline
* Written Analysis
* Presentation