**Data Engineering | Project 3 | Group 1 | 3.12.2024**

***GROUP PARTICIPANTS***

* Amanda Dunaway
* Ben Comfort
* Charity Ovando
* Luis Martinez
* Matt Flanagan

***BACKGROUND & OBJECTIVES***

Group 1 is collecting and manipulating data for a company whose clients benefit from Airbnb data. We will set up the database in such a way that it is cleaned, transformed, and ready for their analysis.

***APPROACH***

* Data Sources:
  + LA Airbnb Listings Dataset:
    - https://www.kaggle.com/datasets/oindrilasen/la-airbnb-listings
* Utilizing ETL Workflows
* Analysis will be accomplished through SQL, Pandas, JSON, and additional libraries to be identified as the project progresses
* Demographics:
  + Exclusively in the Los Angeles, California
* Number of elements to be determined
* Data will be unweighted and assume a natural fall-out of census demographics for the given area

***DELIVERABLES***

* 10-minute presentation
* PowerPoint report