**DELIVERABLE 1: READ.me *(Draft 1)***

**Group 4: Final Project**

Group Meeting: Sunday, April 30, 2023

**January 2020 Flight Predictions:**

**Flight Delays, Best and Worst Airports and Airlines**

1. **SEGMENT 1 DELIVERABLES: COMPLETED**
2. **Project Overview**

*\*Finalize projects idea including what is your dataset, what are the problems you’re solving, and what will be the predictive problem you will solve.*

***As a collective, Group 4 decided to do the following***:

January 2020 Flight Predictions:

1. Predictive Problem: Flight Delays
2. Best and Worst Airlines
3. Best and Worst Airports
4. **ER Diagram and Database Setup**

*\*Create an ER diagram and setup database for your data (if applicable)*

1. John Harris created the ER diagrams using pgAdmin
2. John Harris setup the database using AWS
3. **Visualization Board**

*\*Create a rough outline of your visualization dashboard*

1. Kennan Foust will create a visualization dashboard outline using Tableau
2. **Machine Learning Model**

*\*Create a paper-based mockup of your machine learning model*

1. John Harris created the machine learning model mockup
2. **Github**

*\*Continue to use Github for all the data*

1. Marcia Joseph responsible for keeping Group 4’s project deliverable READ.me logs updated.
2. John Harris is the Github Manager

**Group Roles**

1. **Kennan Foust**
   1. Tableau – visualization dashboard
   2. Review, edit and give feedback on codes
2. **John Harris**
   1. GitHub Manager
   2. ERD Creator
   3. Machine Learning Model
   4. AWS Database setup
   5. Review, edit and give feedback on visualization dashboard
3. **Marcia Joseph**
   1. Responsible for keeping Group 4’s project deliverable READ.me logs updated.
   2. Review, edit and give feedback on code and visualization dashboard

**Additions:**

1. Add the dataset information
2. Add Machine Learning mockup
3. Add Tableau mockup