

# Team of One

Roger Pineda

Email: [roger.pinedaquiada@gmail.com](mailto:roger.pinedaquiada@gmail.com)

Country of Origin: USA

Recent School: Flatiron School

Specialization: Data Science

## Problem Description:

An issue that has been around the Pharmaceutical industry for quite sometime that has been coming about is how to have a deeper understanding of the persistency of their drug as physicians go about prescribing them. Gaining this understanding could catapult the way companies/physicians go about with their drugs. The focus here is to figure out whether a patient will follow the procedure the physician prescribes.

## Business Understanding:

ABC Pharma is the client at hand and is asking for Team of One's aid in classifying patients. With this in mind a classification model will be created to allow ABC Pharma to predict whether the patient will stick to the prescribed drug that the physician has given or will not be persistent with treatment.

## Project Lifecycle(ending with deadline):

Checkin	Date
Data Understanding and Analysis	January 26th 2023
Data Cleaning and Transformation	February 2nd 2023
Complete EDA and Recommendation	February 9th 2023
Presentation	February 16th 2023
Model Creation	February 23rd 2023
Deadline	February 28th 2023

# Data Intake Report

Name: Healthcare-Persistency-Of-A-Drug

Report date: 1/19/2023

Internship Batch:LISUM16

Version:

Data intake by:Roger Pineda

Data intake reviewer:

Data storage

location:[https://github.com/RogerPineda13/Healthcare\\_Persistency\\_of\\_a\\_drug](https://github.com/RogerPineda13/Healthcare_Persistency_of_a_drug)

## Tabular data details:Combined\_Flights\_2021

Total number of observations	3424
Total number of files	1
Total number of features	69
Base format of the file	.xlsx
Size of the data	899 KB

## Proposed Approach:

- None of the 69 columns have NA values
- All values in the columns are non ints

## GitHub Repo Link:

[https://github.com/RogerPineda13/Healthcare\\_Persistency\\_of\\_a\\_drug](https://github.com/RogerPineda13/Healthcare_Persistency_of_a_drug)