# Project Proposal

## Title: Avocado Consumption My Favorite Cities

## Executive Summary:

In this document we will outline the steps of a final project comparing the Avocado consumption within my 3 favorite cities.

## Business Objectives

The analysis of the consumption of avocados is important because it is an example of how retailers across the country may determine where to ship avocados based on volume.

## Background

The Dataset you'll be using has been selected and we will be using an Anova for the type of Analysis for this project.

https://raw.githubusercontent.com/woz-u/DS-Student-Resources/main/DS105-Intermediate-Statistics/Data/avocados.csv

## Scope

The scope of this project deals with the volume of avocados distributed to 3 cities in order to obtain a C; **however this can be expanded if I wish to obtain a better grade**.

## Functional requirements

Week 1:  Starter Notebooks using Python/Jupyter Lab have been built to assist you with your Data Wrangling and Exploratory Analysis assignments.

> *Building Your Presentation Note: You will get a jump start on building your presentation throughout the entire 3 weeks.  In week 1 you'll be capturing the methods used for your data wrangling and any visuals you have gathered in your exploratory analysis.*

Week 2:  Starter Notebooks have been built to assist you with your Anova (Analysis of Variance) to determine if there is a statistically significant difference between categorical variables.

*Building Your Presentation Note: In week 2 you'll include your Anova interpretations.*

Week 3: Completing your code and Presentation.  Your final project will be presented on Friday, 1/27/2023!

# Personnel requirements

It is imperative that each member of the team comply with the following success factors:

- Come to 1x1 meeting ready to work on assignment
- Communicate via slack with the team and instructor

# Delivery schedule

Listed above in the functional requirements.

# Risks

The team understands they may individually be financially impacted if they do not complete this project by 1/29/2023.

# Celebration

GRADUATION!!!