# Data Analysis Project

## Data Analyst: Steven Mills

## Client/Sponsor: Restaurant Owner

## Purpose:

*Write a brief description of why this project is happening below. Why is this project happening? What are the goals?*

The purpose of this analysis is to examine sales data of each restaurant type in each city to determine sales, revenue, and customer growth across a 6-month time period. To generate an interactive dashboard to identify dynamic metrics with the ability to focus on specific cities, restaurant types and date ranges to uncover high and low points across the restaurant portfolio.

## Scope / Major Project Activities:

*What are the major parts of this project? List out the high-level steps, activities, or stages of the project, and give a brief description for each.*

|  |  |
| --- | --- |
| Activity | Description |
| Clean up/Merge data | Join multiple excel sheets to consolidate data for translation into dashboards |
| Create multiple dashboards | Create dashboards in Excel and Tableau to further improve understanding of analysis |
| Create a presentation | Consolidate all analysis into a central presentation to showcase to stakeholders |

## This project does not include:

*Specify the things that this project isn’t responsible for doing (out of scope). For instance, “this project does not involve a summation of 2019 data analysis”*

* The project does not intend to serve as an outlook on the performance of the restaurants
* The project does not intend to provide stakeholders information about competitors
* The project does not include analysis of individual menus or individual customer orders

## Deliverables:

*A specific list of things that your project will deliver.*

|  |  |
| --- | --- |
| Deliverable | Description/ Details |
| Dashboards | An interactive dashboard to allow stakeholders to do their own external analysis if desired |
| Presentation | A presentation to stakeholders to allow them to show analysis to their respective teams for more in depth |
| Recommendation | Results of the analysis with recommendations on where to improve restaurant metrics |

## Schedule Overview / Major Milestones:

*The expected schedule for the project. This can be defined by milestones (e.g. “all data is cleaned and processed”), periods of time (“Week 1 / Week 2”), or other ways based on the needs of the project.*

|  |  |  |
| --- | --- | --- |
| Milestone | Expected Completion Date | Description/Details |
|  |  |  |
|  |  |  |
|  |  |  |

## \*Estimated date for completion:

*This is my “if all goes well and I have everything I need, this is when I’ll be done” date.*