**Executive Summary**

*This project is to be about exploring the data on plant growth and even sustainability. Diving into the vegetables and fruits. Deciding which ones I could grow in middle Tennessee. Which fruit and vegetable is easiest to grow? Maybe even founding out which pests to look out for.*

**Motivation**

*Over the past few years I’ve been fascinated by the apparent “green thumb” that some folks seem to have and although I’ve not had much access to building a garden, I am slowly starting one. It’s not easy finding out what grows best where and next to what and even which month to start planting.*

**Data Question**

*What plants grow best in which regions? More specifically which plants grow best in middle Tennessee and at what time of year is best to plant them?*

**Minimum Viable Product (MVP)**

*I intend to have a tableau style presentation. I hope to have bar graphs of the top five fruits and vegetables. I do hope to also include many map graphs as that would help in showcasing what grows best where and when.*

**Schedule (through <date of demo day>)**

1. Get the Data (4/8/24)
2. Clean & Explore the Data (4/15/24)
3. Create Presentation of your Analysis (4/19/24)

* Should be a presentation, but could include a Jupyter Notebook or dashboard in Excel, Tableau, or PowerBI

1. Internal demos (<date of internal demos)
2. Demo Day!! (<date of demo day>)

**Data Sources**

[Explore Cornell - Home Gardening - Vegetable Growing Guides](http://www.gardening.cornell.edu/homegardening/scene0391.html), [sharon/vegetables-herbs-and-edible-flowers | Workspace | data.world](https://data.world/sharon/vegetables-herbs-and-edible-flowers/workspace/file?filename=plantInfo-raw.csv), [Planting Calendar for Lebanon, TN | Almanac.com](https://www.almanac.com/gardening/planting-calendar/zipcode/37090)

**Known Issues and Challenges**

*This data is seasonal and sometimes is affected differently each year.*