**Executive Summary**

*Poverty and food insecurity are major issues across the entirety of the US. With this project I aim to gain a bit of insight by diving into the data to find food costs and income levels for struggling TN residents.*

**Motivation**

*Unfortunately, too many across the States do not have the luxury of a fully stocked kitchen. While I do not believe that there is a “food shortage”, there is most definitely a major food insecurity issue.*

**Data Question**

*What is the average TN budget?*

*What are the average food costs?*

*Do other living expenses force some to go without adequate supply of food?*

**Minimum Viable Product (MVP)**

*Final Capstone will be how living costs affect food security for low income families in TN*

**Schedule (Dec 2nd – Jan 6th)**

1. Get the Data (Dec 2nd)
2. Clean & Explore the Data (finish date)
3. Create Presentation of your Analysis (finish date)

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

1. Internal demos (Dec 18th)
2. Demo Day!! (Jan 6th)

**Data Sources**

[*Population*](https://worldpopulationreview.com/countries/cities/united-states)

[*Poverty rate*](https://data.tn.gov/dataset/poverty-rate)

[*SNAP enrollment*](https://data.tn.gov/dataset/snap-enrollment)

*WIC*

**Known Issues and Challenges**

*Due to the personal aspect of the topic, most data seems to be generalized estimates, not exact measures.*

*Rather than having raw data and being able to make calculations, data sources must be relied on for accuracy and values.*

*Data is retrieved from multiple data sources and must be cleaned, joined and possibly reorganized before visualization may take place.*