# Hello, Tableau!

## Govern for America

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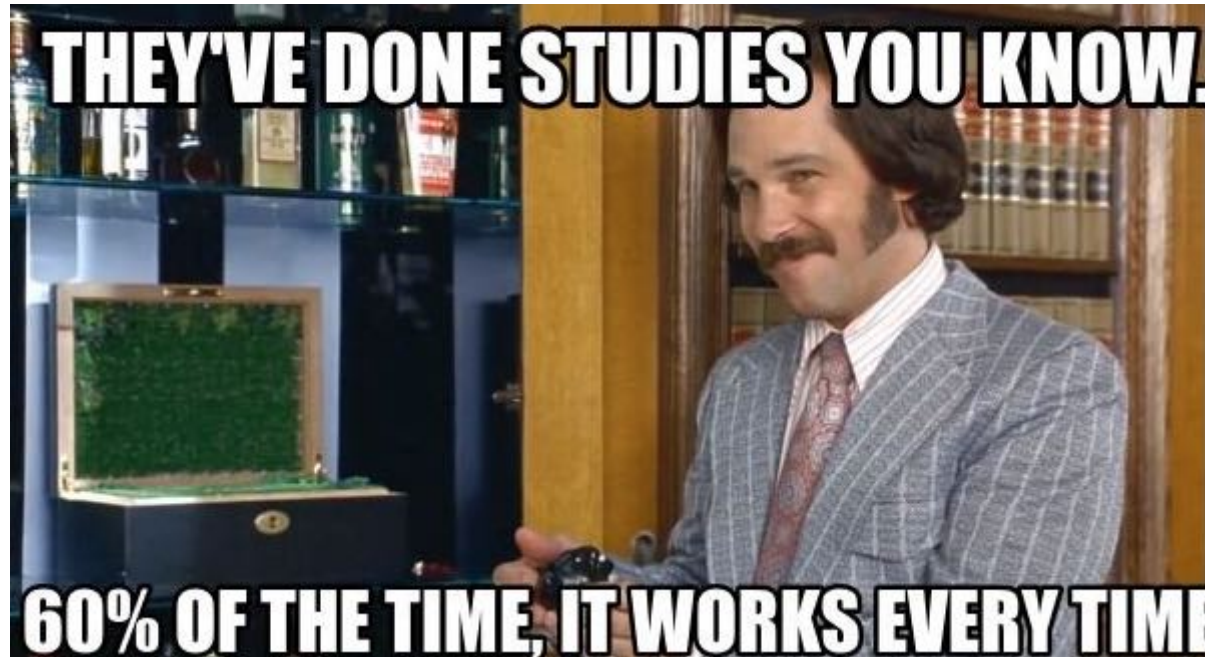# Welcome to our First ~~Lunch~~Dinner and Learn

# Quick Agenda

1. Why Data Science Matters
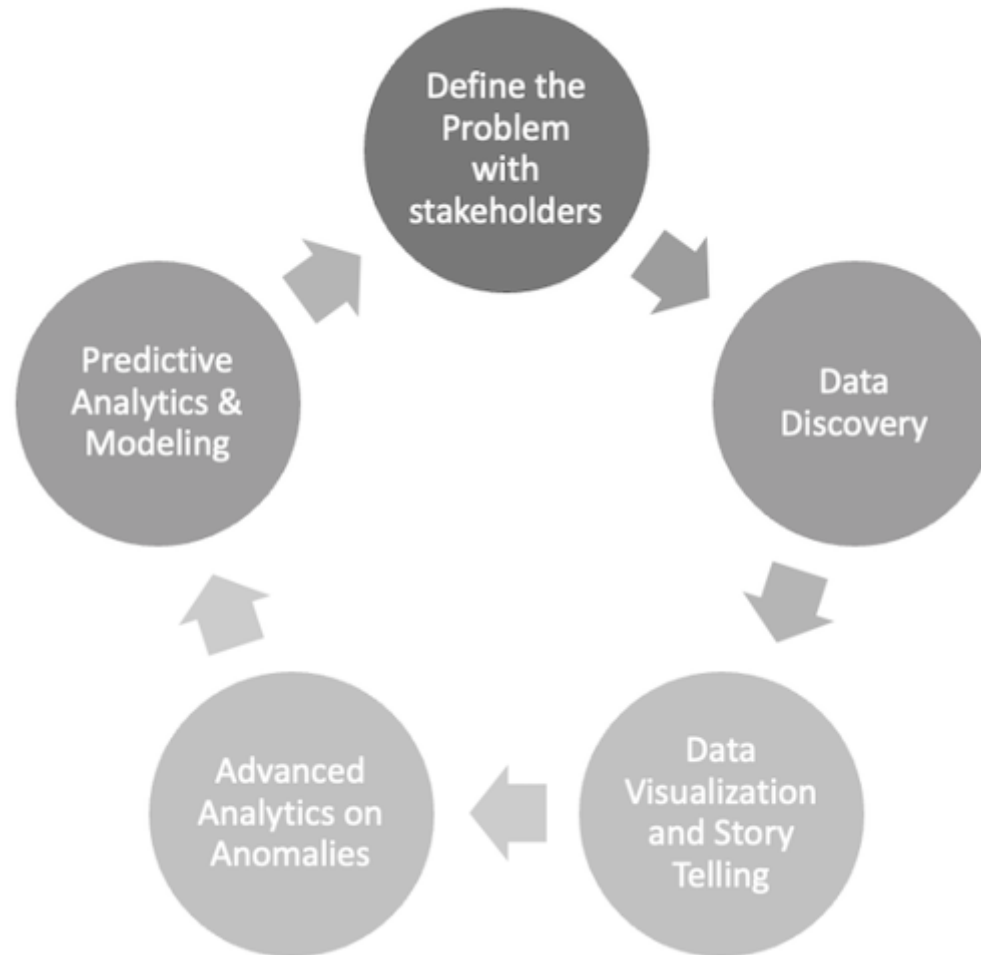2. Introduction to Tableau
3. Creating tables

# Why Data Science Matters

Being data literate is paramount to a functional democracy.

# "You can't improve what you don't measure." - Peter Drucker (I think)

# So... What is Data Science?

# Ok... but for real, we are here for Tableau... so... Let's do that instead



Open Tableau Desktop (or download it if you haven't already).

Use the following product key to activate Tableau: TC8K-00F3-45F0-E994-59A6

# First Look at Tableau

# WE NEED SOME DATA!

To begin with, we'll download a csv file and work from that.

https://tinyurl.com/tableau-dataset-1

# Let's Jump into Tableau for the Rest of the Session

- Connecting to data
- Review the data set
- Data mining
- Renaming Variables
- Sheets

- Dimensions vs Measures
- Filters
- Text tables (a.k.a pivot tables or crosstabs)
- Calculated fields
- Format numbers

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# Together, Let's Figure Out the 5 Number Summary for Each Zip Code

# Individually, Let's Figure Out the Start Value, End Value, and % Change for Each Zip Code

For "homework," add in a filter that lets you choose multiple zip codes

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# Evaluation!!!!

How did I do? Please fill out the feedback survey before you go!