

Hello, Tableau!

Govern for America

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

Quick Agenda

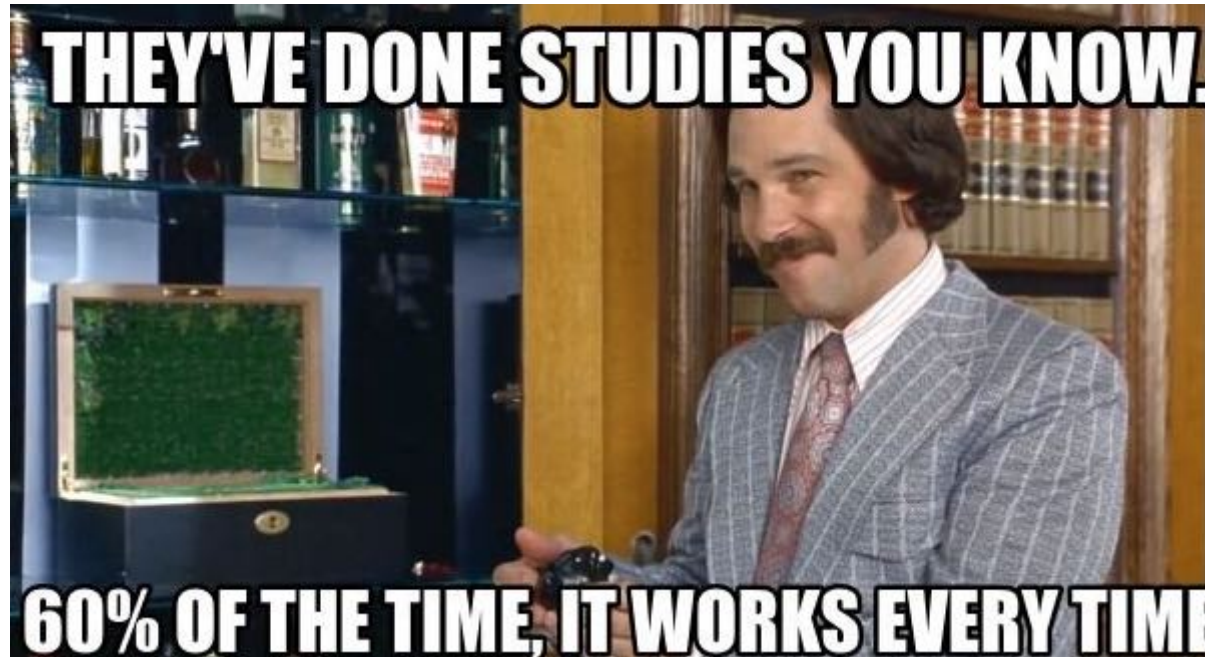
1. Why Data Science Matters
2. Introduction to Tableau
3. Creating tables
4. Starting to summarize data using appropriate data visualization techniques



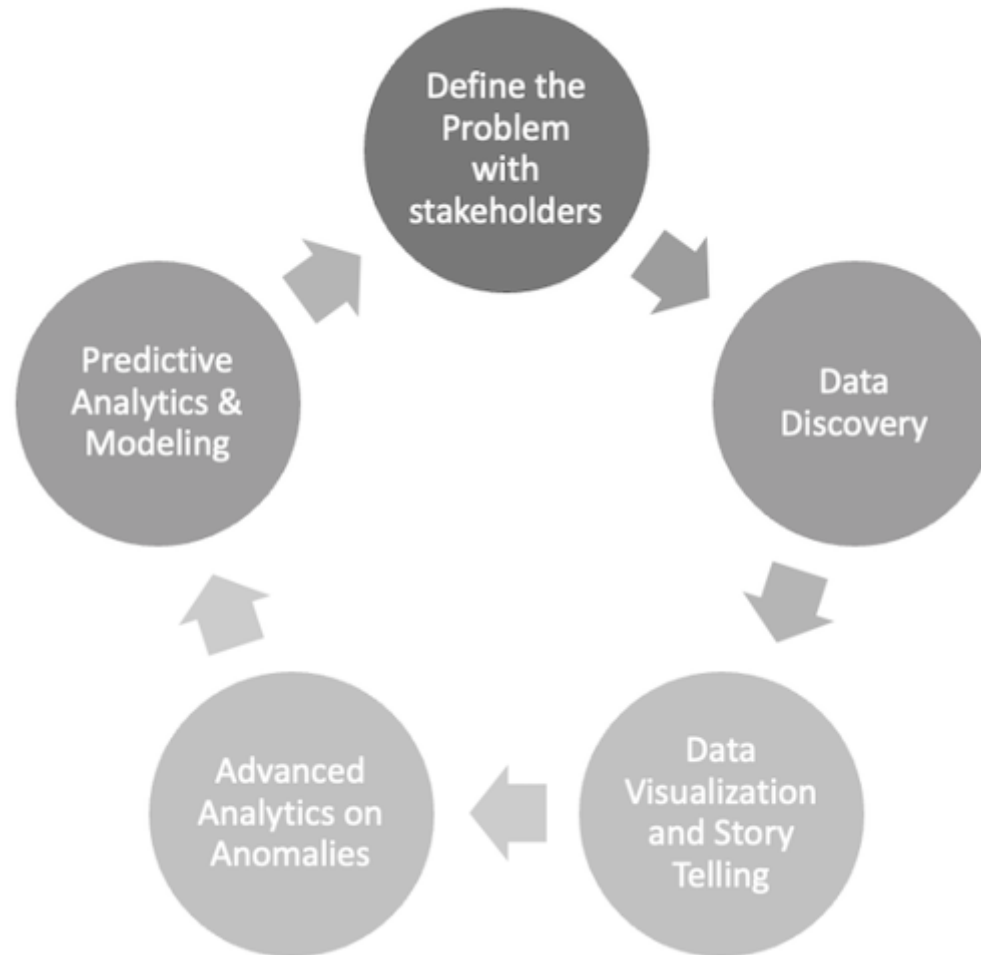
Why Data Science Matters

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

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

Evaluation!!!!

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