**Project One**

**Team 1** – Tatiana Thomas & Kai Hall

**Topic**: Safe Drinking Water vs Medium Household Income vs

**Title**: Sip, Sip… Pass?

Outline:

**Description**: The project is researching safe drinking water usage based on income and location in the U.S.

**Hypothesis**: We hypothesize that zip codes with higher medium income have safer drinking water. Zip codes with higher medium income have better water quality/standards.

Medium household income by county by drinking water in county

Utility cost per zip code

**Research Question**:

1. Higher income less water quality violations

2. Water quality violation by medium household income

3.

4.

**Datasets**:

**1.**

2.

3.

**Tasks**:

Links:

Safe Drinking Water Information System

<https://www.epa.gov/enviro/other-service-enabled-data>

Census: Income Data Tables

<https://www.census.gov/topics/income-poverty/income/data/tables.html>

IRS Individual income tax Statistics

[**SOI Tax Stats - Individual Income Tax Statistics - ZIP Code Data (SOI) | Internal Revenue Service**](https://www.irs.gov/statistics/soi-tax-stats-individual-income-tax-statistics-zip-code-data-soi)

Does Dark

A Software Developer with a background in Technical Management of Information Systems and certificate of Data Analytics from John Hopkins University.  My experience is based with Radio Frequency electronics and component level troubleshooting.

 My Air Force experience embedded comfortable public speaking, effective leadership, and core values: integrity, service, and excellence.

 In my current position, I was awarded a Bravo Excellence Award for diligence and demonstration as a self-taught programmer skills and determination toward continuous learning.

My most successful skills learned are Python Application Programming Interface, Front-End Web Visualization, and Big Data Analytics with Hadoop.  With these skills and my experience of critical troubleshooting, I approach every project with diligence and assiduity.

Currently, I am strategically adapting to coding, data analytics, and software engineering.  I believe that this path combined with my resilience makes me an advantage candidate.  I developed skills in customer service, time management, and continued education.