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Homework 1: Environment Configuration

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# Title: Tree data in San Francisco

## Problem Statement:

Trees are important. Trees help the city feel nice, improve air quality, provide habitat for animals, and many other things. Where are trees least and most dense in the city?

## Framing the problem statement:

We are interested in the upper peninsula of SF and want complete visibility from 0 to about 400 trees.

# Deliverable 1:

## Obtain:

Obtain the data from stored google location to be processed.

## Scrub:

There was no scrubbing required for this data set, as it was pre-prepared for us.

## Explore:

It seems to be that there are few trees in the parameter, and many trees centralized around the middle of the block in question. There are also a few missing data areas. It is unclear on whether there are zero trees, or missing data here.

## Model:

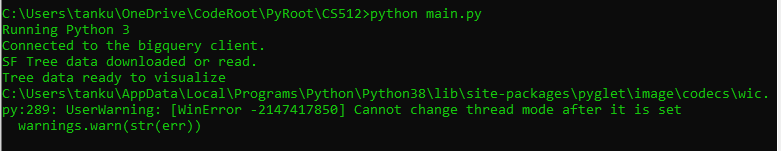
There is no modeling step for this assignment.

## iNterpret:

It is difficult to interpret this data, as we really do not know the research question, nor the city. As I said in the Explore section there seems to be patterns and possibly gaps in the data, but it’s difficult to say one way or another what the data truly means without more information.

# Deliverable 2:

## Code Snip:



# Deliverable 3:

## Visual Screenshot: