Multiple-Linear Regression Instructions

1.) After gathering data from 2010-2014 and 2015 for Baltimore Child and Family Well-Being, add a filter to the Community Statistical Areas (CSAs) and make sure you only have the same CSAs in each dataset.
    a. 2010-2014 data can be found on the "Children_and_Family_Health_and_" tab
    b. 2015 data can be found on Open Baltimore under 2015 Children and Family Health and Well-Being
        i. Link: https://data.baltimorecity.gov/Health/Children-and-Family-Health-and-Well-Being-2015-/7v76-hknd
2.) Combine the 2015 data with the 2010-2014 into one Excel file for easy access.
3.) [OPTIONAL] Label the columns more clearly:
    a. Teenbir10 = Teen Birth Rate 2010
    b. Termbir10 = Percent of Births Delivered at Term 2010
    c. Birthwt10 = Percent of Babies Born with a Satisfactory Birth Weight 2010
    d. Prenatal10 = Percent of Births Where Mother Received Early Prenatal Care 2010
    e. LifeExp11 = Life Expectancy 2011
    f. Mort1_11 = Infant Mortality Rate (IMR) 2011
4.) Create a new sheet for your first MLR (2011*)
    a. Copy and Paste Infant Mortality Rate 2011 into the FIRST column of this sheet
        i. The first column allows for IMR to be considered as the y-variable
    b. To observe how every other variable affects IMR, copy and paste them in the following columns (Teen Birth Rate, % of Births Delivered at Term, % of Babies Born with a Satisfactory Birth Weight, % of Births Where Mother Received Early Prenatal Care, Life Expectancy)
    c. Click on the "Data" tab
    d. On the far right of the Data tab, click on "Data Analysis" and run a "Regression"
    e. Input your Y-range as the values in the A column (First column)
    f. Input your X-range as the values in the B-F columns
    g. Indicate that there are labels
    h. Click "OK"
        i. You should see a "SUMMARY OUTPUT" with all of the data.
        ii. *2010 was omitted because it did not have data for IMR or Life Expectancy
5.) Repeat 4 a-h for 2012-2015