***Step-by-Step Description of Excel Data Analysis***

Raw Dataset Parameters: Low Parent Income-White Child Race, Low Parent Income-Black Child Race in Baltimore, MD and San Francisco, CA

Teen Birth Rate: fraction of women who had a child between the ages 13-19

For each city dataset:

1. Reorganize Data: reorder and filter tracts by neighborhoods within city boundaries (using Text-to-Column, Sort-and-Filter)
   1. insert “Race” column to distinguish between “White” and “Black” populations
2. Pivot Table: insert reorganized data into Pivot Table – filtered by raced and neighborhood, values = “average of teen birth rates” (to account for tracts with multiple data points) expressed in percentage
   1. filter only neighborhoods with both White and Black teen birth rate data points, deselect all other neighborhoods
3. Pivot Chart: bar graph displaying average of White teen birth rate and Black teen birth rate categorized by neighborhood.

Combining city datasets:

1. Summarizing data: Compute average of White teen birth rates and Black teen birth rates for all neighborhoods in Baltimore, MD and San Francisco, MD
2. Final Comparison: plot bar graph comparing average White teen birth rate and average Black teen birth rate for Baltimore, MD and San Francisco, MD