



## A06 Creating Dashboard in Tableau

Antony Alexia Sebasthikannu  
[asebasthikan2023@fau.edu](mailto:asebasthikan2023@fau.edu)

## 1, Total jobs in 2007 and 2013 by Generation:

What is the exact number of jobs for Millennials? and Baby Boomers?

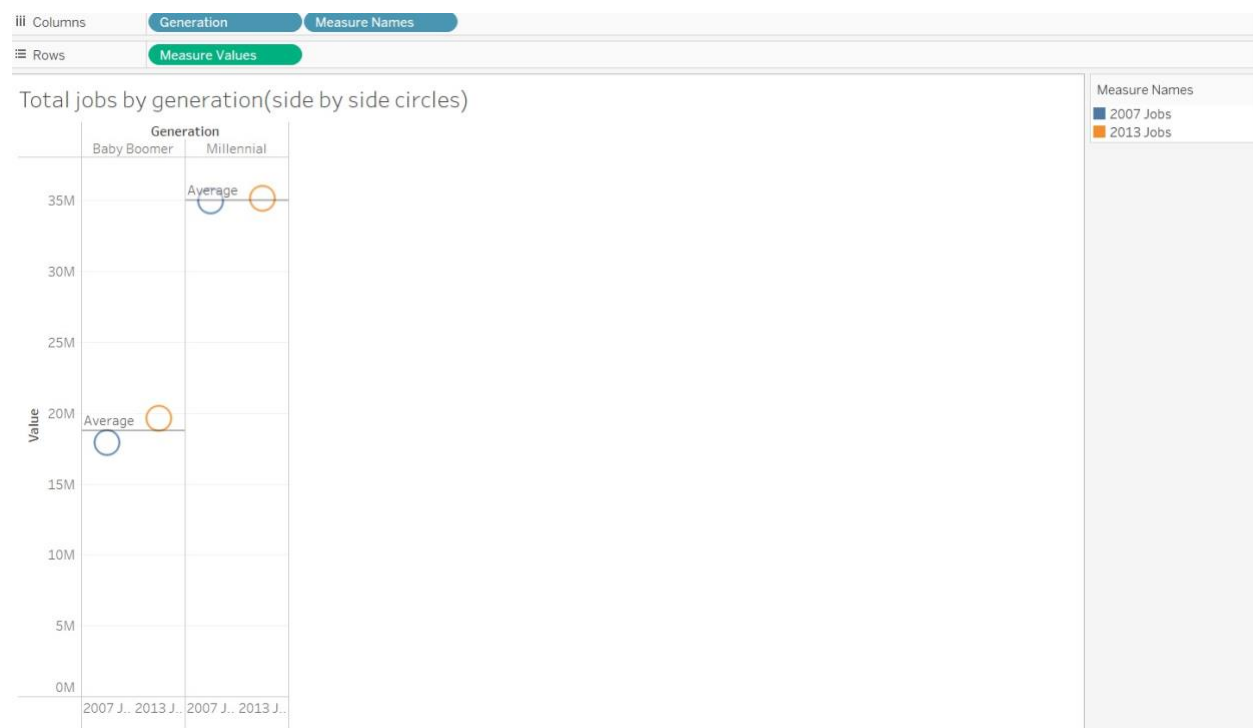
- Total number of jobs for Millennials is 71,097,852
- Total number of jobs for Baby Boomer is 37, 485, 819

Which generation has a higher difference between the number of jobs in 2007 and 2013?

- The generation that experienced the greatest disparity in job numbers between 2007 and 2013 is the baby boomers, with a notable difference of 1,700,709 jobs. In comparison, millennials saw a difference of 430,286 jobs over the same period.

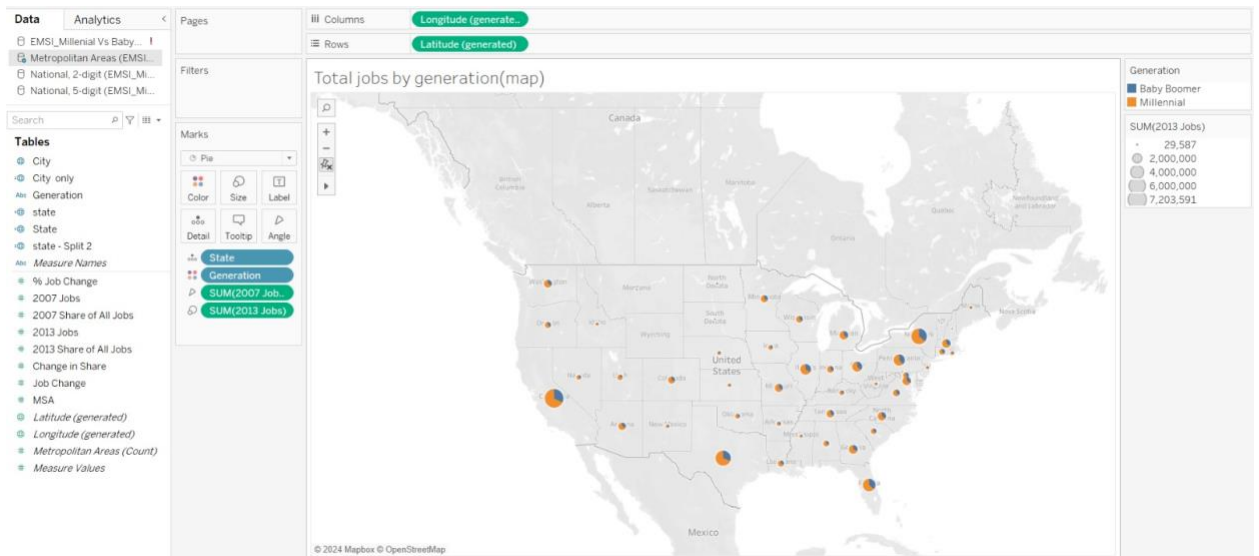
Averages of number of 2007 and 2013 jobs for each of the generation Baby boomers and Millennials (two averages).

- The average of number of 2007 and 2013 jobs for Baby Boomers is 18,742,910
- The average of number of 2007 and 2013 jobs for Millennials is 35,048,926

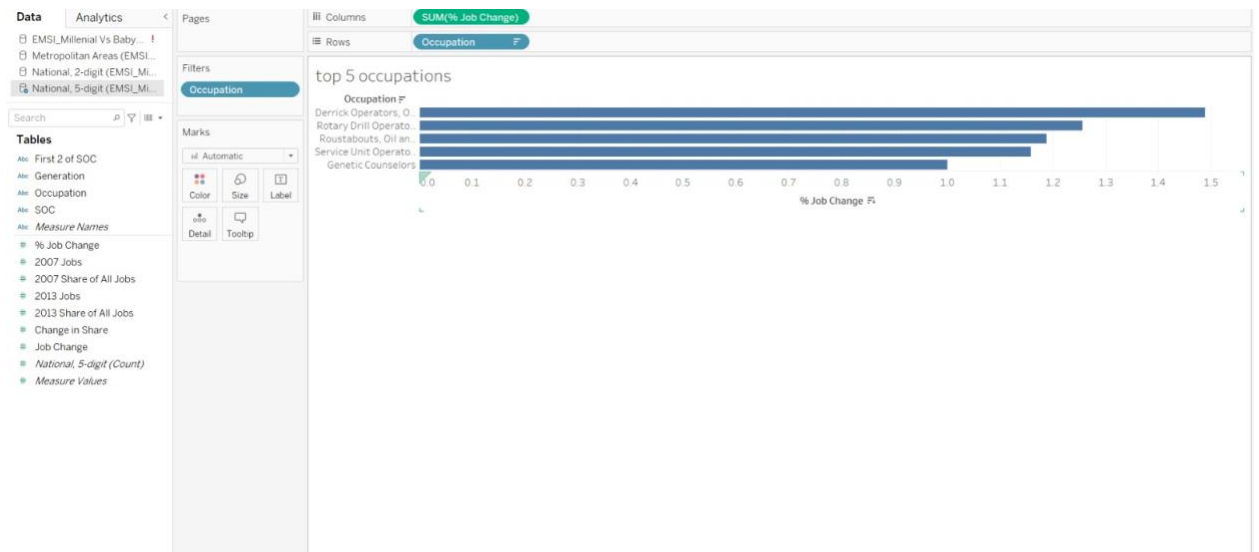


## 2. Total jobs in 2007 and 2013 by Generation (using 'map' visualization):

- Millennials generation has the maximum number of the 2007, 2013 jobs for California state.

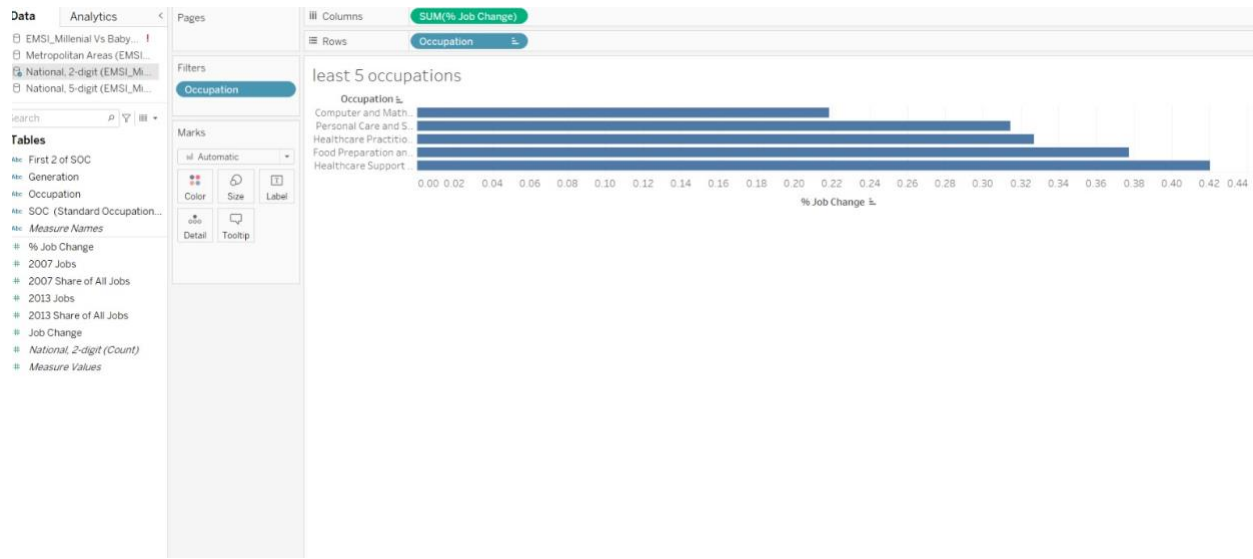


### 3. Top 5 occupations that had max. % Job change (using 'horizontal bars' visualization)



#### 4, Any other meaningful visualization using the 'National 2-digit' tab data.

Based on National 2-digit tabular data, this visualization shows the five occupations with the lowest percentage of employment transitions. Computer and mathematical, personal care and service, healthcare practitioners and technical, food presentation and serving-related, and healthcare support occupations had the least amount of job percentage variation. There were not much changes in the percentage of jobs in these particular occupations.



#### 5, Prepare Dashboard – showing all the 4 visualizations.

