**Assignment**

1. Visualization displaying - Total jobs in 2007 and 2013 by Generation (Using ‘side-by-

side circles’ visualization – this type of visualization is used for ‘comparison’)

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

* Exact no of jobs made my Millennials in 2007 and 2013 are 234,968,783 and 39,129,069
* Exact no of jobs made by Baby Boomers in 2007 and 2013 are 17,892,555 and 19,593,264

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

* Generation with higher difference : Baby boomer

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

* Average no of jobs for Baby boomers: 18,742,910

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* Average no of jobs for Millennials: 35,048,926

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**2. Visualization displaying - Total jobs in 2007 and 2013 by Generation (using ‘map’visualization)**

A map of the united states

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**3. Visualization displaying - Top 5 occupations that had max. % Job change (using‘horizontal bars’ visualization)**

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**4. Any other meaningful visualization using the ‘National 2-digit’ tab data. Comment in at least 2 to 3 sentences on an insight from this visualization.**

* Created a visualization that shows number of job changes by generation.

**Insights:** Baby Boomers experienced a significantly higher job change, exceeding 1.9 million (i.e. 1,945,665 ), while Millennials have seen a much lower rate, below 200K (i.e. 109,919). This disparity could be attributed to various factors including economic conditions, industry growth or decline, and work-life balance or professional development opportunities, and be more willing to change jobs to find a better fit.

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**5. Prepare Dashboard – showing all the 4 visualizations. Arrange the visualizations on one screen. Also give each visualization a ‘Title’ it should not show title as ‘Sheet 1’ etc**

* Created a dashboard for all 4 visualizations.

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