**Visual Analytics Assignment**

**Type your first and last name here**: Michael Pogue

*To get started, download Tableau, choose and watch your training videos, and get familiar with the IPEDS data set*, *which is information about colleges in the US, mostly admissions data.*

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| --- | --- | --- |
| **Questions** | **Type your answer in this column. The shaded boxes do not need to be filled in.** | **Points** |
| What training videos did you watch? Include the URLs to the videos. These can be from Tableau or from YouTube. You should watch at least 5 training videos. Which one was the most helpful? | <https://www.youtube.com/watch?v=6xv1KvCMF1Q>  <https://www.youtube.com/watch?v=Tt6lb1B1C6A&t=2s>  <https://www.youtube.com/watch?v=WQUoNPWpq3g>  <https://www.youtube.com/watch?v=La-UdSJ7fD4>  <https://www.youtube.com/watch?v=6xv1KvCMF1Q>  <https://www.youtube.com/watch?v=ebjDwX8sUMk>  <https://www.youtube.com/watch?v=jEgVto5QME8> | 6 |
| What “cleaning up” or changes did you have to perform? | Cleaned data with Data Interpreter. I hide a lot of unnecessary tables, such as year, other race options, some percent options, endowments. | 2 |
| What questions are you trying to answer/display in your visualizations? **Write these as 3 specific questions.** | As a Hispanic American, I was curious what the demographics for my fellow Hispanic Americans in college looked like.   1. Does location impact enrollment? 2. Does city size impact enrollment? 3. Are Hispanics less likely to pursue graduate school? | 3 |
| Chart 1: What type of viz did you create? Why did you select the data and the viz that you did? | I was curious to know the density of applications for Hispanic Americans. I am ashamed to admit that I believed the majority to be concentrated along the southern border. I was very shocked to see the there were many Hispanics being enrolled in middle/North Eastern America. A map of the US was the obvious choice. | 4 |
| Chart 2: What type of viz did you create? Why did you select the data and the viz that you did? | As my next question is just a numbers game, I made a simple bar chart. Though, as the enrolled total completely dwarfed the other values making the Hispanic numbers extremely small, I used my advanced marketing knowledge and made the scale logarithmic! The favorite tool of marketing companies everywhere! | 4 |
| Chart 3: What type of viz did you create? Why did you select the data and the viz that you did? | Again, this is just a numbers game for comparison. So, I used another bar chart to display the data. | 4 |
| Create your story |  | 9 |
| Create your dashboard |  | 8 |
| **Total points** |  | **40 pts** |

**Total Points earned: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Comments**