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| **[A] – Rate Visualizations** |
| **Domain:**Various  **Subject:**Look at the visualizations at the links below. Prepare a one page commentary and rating for each one of them, in accordance to whether you liked or didn’t like and learned or didn’t learn something from it (‘learning something’ could also mean ‘confirming something you already knew’). Explain your rating, taking into account the points, criteria and best practices described in slides 37 – 94 of Lecture 4.  **Links:**  1. [Census Data - Washington DC](https://datausa.io/profile/geo/washington-dc/), produced for [Data USA](https://datausa.io/),  2.  [Census Data - Massachusettes](https://datausa.io/profile/geo/washington-dc/), produced for [Data USA](http://www.datausa.io/),  3.  [Introducing the "Feather Chart"](http://emotions.periscopic.com/inauguration/)? Produced by [Periscopic](http://www.periscopic.com/). |
| **[B] – Deliver your first Visual Application** |
| [**DATASET**](https://drive.google.com/open?id=0B80WuDEzEIiuNjBCWVJEdVhjaHc)[MS Excel file, including header]  **Domain:**The Telecommunications industry  **Subject:**Answers obtained from survey groups of individuals, belonging to various age groups of both sexes.           The answers include grading [at a scale 0 – 10] of four (4) important attributes (ergonomics, camera, multimedia and packaging) for some of the most well-known, older, mobile phones.  **Tasks:**  1.    [PAGE 1] – Create some simple charts. Experiment using filters to locate possible points of interest. Can you discern any outliers?  2.    [PAGE 2] – Create combined charts. Experiment using filters and observe how charts are adjusted on the fly. Can you discern any outliers?  3.    [PAGE 3] – Prepare a Visual, Interactive Application depicting your narration ([Visual Storytelling](http://www.tibco.com/blog/2015/02/23/2015-the-year-of-visual-storytelling-2/)) on the points of interest you have located, addressing members of the management for the company that ordered the survey. Estimate for a five (5) minutes presentation. |
| **TIBCO SPOTFIRE: The**[**Visual Analytics**](https://e-mscba.dmst.aueb.gr/mod/folder/view.php?id=2478)**Platform**[http://www.spotfire.com]  Trial:Enroll at <http://spotfire.tibco.com/trial>, selecting Spotfire Cloud (preferred). Please use your                       aueb.gr email account when registering  Quick Start Guide:<http://spotfire.tibco.com/learn/spotfire-desktop-quickstart>  Reference Guide:[Getting Started with TIBCO Spotfire](https://community.tibco.com/wiki/getting-started-tibco-spotfire)  Tutorials & Guides:<http://spotfire.tibco.com/learn> |
| **[C] – Grading** |
| **Trial:**                           10% of the final grade |
| **[D] – Deadlines** |
| **Final Date:**                  March 6th, 2017  **Penalty:**                      Each day of delay over and above the previous date implies -1 points. No [assignment](https://e-mscba.dmst.aueb.gr/mod/folder/view.php?id=2522) will be                       accepted after March 13th, 2017. |

Please post any comments or questions on the respective discussion pages of the program e-Learning Portal. A project for this 2nd [Assignment](https://e-mscba.dmst.aueb.gr/mod/folder/view.php?id=2522) will be created shortly, on which you are expected to post your work.

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