**Assignment 1: Visualization Project Management**

**Project Development & Planning Template**

Follow the template and the questions to guide you through this assignment:

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| 1. **Project Development**   This is the phase where you shape the project, gather requirements, understand the current system (if any) and develop your KPIs | |
| **Right Perspective** | |
| **Q1**. How do you think this project adds value to Cables.com?(think in terms of direct and indirect benefits) | **Response:** |
| **Right People** | |
| **Q2.** Being your manager, Dr.Who, can guide you to many resources for this project. But, he is a busy man and will be available to meet you only twice in 30 days. List 3 most important piece of information that you may seek from him? | **Response:** |
| **Q3.** After meeting with Dr.Who, you met with the Database Admin for the datasource just to introduce yourself and make a connection. At this point, having only a basic understanding of the task at hand, list at least 2 pieces of information you would seek from her/him? | **Response:** |
| **Right Questions** | |
| **Q4.** List at least 1 question that you would ask Plant Managers, Product Managers and Executives. | **Response:** |
| **Right KPIs** | |
| Imagine you received the following requirements from the three levels of stakeholders. Formulate an appropriate KPI or Visualization for the requirements |  |
| **Q5. Plant Manager**  I would like to see the performance of my manufacturing operations every month for every product manufactured in the plant  And, I want to be able to see if the performance of my plant is getting better or worse with time | **Q5-1:** Suggest a KPI to measure “performance” of the plant:  **Response:**  **Q5-2:** Suggest a chart to present this KPI in a way that enables the Plant Manager to see improvement or decline in performance with time:  **Response:** |
| **Q6. Product Manager**  The product manager would like to see how consumers are feeling about the product under his responsibility | Suggest a KPI, other than the manufacturing “performance” that could suggest “consumer perception”:  **Responses:** |
| **Q7. Executives**  The executives would like to see very quick one or two chart visual that shows them the overall health of the company. | Suggest a KPI, other than the two above, that could point to the overall “performance” of the company and its products  **Responses could be like:** |
| 1. **Project Planning**   This is the phase where you shape the deliverables and plan the “look and feel” of the dashboard | |
| **Versioning** | |
| **Q8.** Based on the information provided, and the KPIs that you have developed in Q5-Q7, plan how you will deliver your project. Assume that the start date of the project is Feb 1st 2018. *(think of what features can you quickly deliver and what may take longer)* | **Response:** |
| **Design** | |
| **Q9.** Based on the information you have gathered in this assignment, would it be appropriate to show in the Executive dashboard, the number of manufacturing defects per Product for each plant? | **Response:** |
| **Q10.** Based on what you have learned so far, what are some of things you could to do to “go the extra mile” and make your product work even better for all 3 levels of the audience? Provide at least 1 idea that is independent of your responses for Q1-Q9. | **Responses could be like:** |