Customer Purchasing Gap Analysis Dashboard

1. Modify Table: **metadata** fields:
   1. Low\_Range from INT to DOUBLE
   2. High\_Range from INT to DOUBLE
2. Layout of the dashboard
   1. Title: Customer Gap Analysis By Major Categories
   2. Design concept
      1. View layout:

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* + 1. Category Area
       1. Area A – Title : Customer Purchasing Gap Analysis for All Categories
       2. Area I – Title : Customer Gap Analysis for Ink Category
       3. Area T – Title : Customer Gap Analysis for Toner Category
       4. Area P – Title : Customer Gap Analysis for Printer Category
       5. Area PA – Title : Customer Gap Analysis for Paper Category
       6. Area S – Title : Customer Gap Analysis for Stationary Category
       7. Area C – Title : Customer Gap Analysis for Cleaning Category
       8. Area B – Title : Customer Gap Analysis for Breakroom Category
    2. Year Filter Options:
* All-Years
* 2015-2017
* 2016-2017
* 2017-Latest
  + 1. Add Another Dropdown filter option in graph
* Element similar to Year Filter option.
* The selection of the element option is linked to the selected graph segment (Pie / Barchat)
* Reason is, some of the pie elements, if too small, user cannot select it using mouse, but they can perform through this Dropdown filter.
  + 1. Modify the table in graph component to display only the following fields:
* Email/Cust\_ID
* First Name
* Last Name
* Tel
* PCode
* Spent Gap (Min Spt Gap)
* Latest Manufacturer (Latest Manu)
  + 1. Metadata Range Setting
       1. Add configuration component in metadata table.
       2. Range Filter for the usage of each category

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| **ID** | **Conf\_Name** | **Seg\_Name** | **Low\_Range** | **High\_Range** |
| 6 | cust\_bhv\_gap\_aa | 15 Days | 0 | 0.5 |
| 7 | cust\_bhv\_gap\_aa | 30 Days | 0.5 | 1 |
| 8 | cust\_bhv\_gap\_aa | 45 Days | 1 | 1.5 |
| 9 | cust\_bhv\_gap\_aa | 60 Days | 1.5 | 2 |
| 10 | cust\_bhv\_gap\_aa | 75 Days | 2 | 2.5 |
| 11 | cust\_bhv\_gap\_aa | 90 Days | 2.5 | 3 |
| 12 | cust\_bhv\_gap\_aa | > 90 Days | 3 | 999999 |

* + 1. Filter Conditions from dataset :
* min\_spt\_gap : Using Range Filter of conf\_name : **cust\_bhv\_gap\_aa**
* dataset\_year : Use for **Year Filter**
  + 1. View level:
* Every graph component in a DIV component.
* The whole items in DIV can be moved to different place in the dashboard at code level without breaking the backend connection.

1. Data & Tables:
   1. Unzip Dataset-files.zip. Inside contain all the data sources for each graph components for each area.
   2. Create the table according to the name below, load with the dataset as test data.

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| **Table Name** | **Data File Name** | **Data for Area** |
| all\_cust\_bhv\_gap\_aa | all\_cust\_bhv\_gap\_aa.csv | A |
| i\_cust\_bhv\_gap\_aa | i\_cust\_bhv\_gap\_aa.csv | I |
| t\_cust\_bhv\_gap\_aa | t\_cust\_bhv\_gap\_aa.csv | T |
| p\_cust\_bhv\_gap\_aa | p\_cust\_bhv\_gap\_aa.csv | P |
| pa\_cust\_bhv\_gap\_aa | pa\_cust\_bhv\_gap\_aa.csv | PA |
| s\_cust\_bhv\_gap\_aa | s\_cust\_bhv\_gap\_aa.csv | S |
| c\_cust\_bhv\_gap\_aa | c\_cust\_bhv\_gap\_aa.csv | C |
| b\_cust\_bhv\_gap\_aa | b\_cust\_bhv\_gap\_aa.csv | B |