Task1:

Copy the Attached (Reporting) files into the Image

Task2:

Import the (Reporting)Folder contents into the BO

Task3:

Create a universe in IDT (**CUST\_UNI)** with the given Dimensions and Facts

Task 4:

Create the following reports based on the Universe created in Task3.

Q1. Find out various statistics based on Purchase of product in different years.

#### Statistics of purchase

* The measures reported are:
  + No. of Customers
  + No. of product purchased by customers
  + Total amount spent by the customers

***Tabular Report Layout***

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| LOCATION | | **Sales Statistics by year** | | | | | | | | | | | |
|
|
| Place | Year1 | | | | Year2 | | | Year3 | | | Year4 | | | | |
| #CUSTOMERS | | #PURCHASES | TOTAL AMOUNT SPENT | #CUSTOMERS | #PURCHASES | TOTAL AMOUNT SPENT | #CUSTOMERS | #PURCHASES | TOTAL AMOUNT SPENT | #CUSTOMERS | #PURCHASES | TOTAL AMOUNT SPENT | |
| Xx | ## | | ## | # | ## | ## | # | ## | ## | # | ## | ## | # | |
| Xx | ## | | ## | # | ## | ## | # | ## | ## | # | ## | ## | # | |
| Xx | ## | | ## | # | ## | ## | # | ## | ## | # | ## | ## | # | |
| Xx | ## | | ## | # | ## | ## | # | ## | ## | # | ## | ## | # | |
| Xx | ## | | ## | # | ## | ## | # | ## | ## | # | ## | ## | # | |
| Xx | ## | | ## | # | ## | ## | # | ## | ## | # | ## | ## | # | |
| Xx | ## | | ## | # | ## | ## | # | ## | ## | # | ## | ## | # | |
| Xx | ## | | ## | # | ## | ## | # | ## | ## | # | ## | ## | # | |
| Xx | ## | | ## | # | ## | ## | # | ## | ## | # | ## | ## | # | |
| Xx | ## | | ## | # | ## | ## | # | ## | ## | # | ## | ## | # | |
| Xx | ## | | ## | # | ## | ## | # | ## | ## | # | ## | ## | # | |
| Xx | ## | | ## | # | ## | ## | # | ## | ## | # | ## | ## | # | |

Q2. Find out top 5 customer details based on total purchase of product and total amount spent.

* The measures reported are:
  + No. of product purchased by customers
  + Total amount spent by the customers

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Customer id | Customer name | Place | #products\_purchased | #total\_amount\_spent |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Q3. Find out purchase details of all products with total no. of products purchased for a particular year.

Create a tabular and graph report for the same.

Graph should contain Purchase details of products in each category.

* The measures reported are:
  + No. of product purchased by customers

|  |  |  |  |
| --- | --- | --- | --- |
| Category | Product | Price | #ProuctsPuchased |
| Cat1 | P1 |  |  |
|  | P2 |  |  |
|  |  | Total Products of Cat1 | ###### |
| Cat2 | P3 |  |  |
|  | P4 |  |  |
|  |  | Total Products of Cat2 | ####### |
|  |  | Total Products | ####### |

Q4.

1. Find out the product and category details that are returned by any customer.
2. Find the least favorite product details

Q5. Create a drill down report [Year -> Quarter -> Month] based on total purchase of product and total amount spent.

* The measures reported are:
  + No. of product purchased by customers
  + Total amount spent by the customers

Task 5:

Create the PDF of the reports generated(using export as PDF format)