**Assignment-1**

**Metrics**

* Distinct products
* Distinct customers
* Transactions (Customer\_id, Time\_id)
* Total sales
* Total quantity

1. Provide the above metrics for different time periods: **Monthly, Quarterly, Half-yearly and Yearly**
2. Provide the above metrics for different time periods: **Monthly, Quarterly, Half-yearly and Yearly** at

**Store parameters**

* Store type
* Store sales region
* Store state province

1. Provide the above metrics for different time periods: **Monthly, Quarterly, Half-yearly and Yearly** at

**Product parameters**

* Product family
* Product department
* Product category
* Brand

1. Provide the above metrics for different time periods: **Monthly, Quarterly, Half-yearly and Yearly** at

**Customer parameters**

* Country
* State province
* Members card
* Gender
* Marital status

1. Provide the above metrics for different time periods: **Monthly, Quarterly, Half-yearly and Yearly** at Promotion or No promotion
2. Provide the above metrics for different time periods: **Monthly, Quarterly, Half-yearly and Yearly** at Customer parameters and Promotion/No promotion

* Members card, promotion type (promotion/no promotion)
* Gender , promotion type (promotion/no promotion)
* Marital status, promotion type (promotion/no promotion)