**CalendarPeriod:**

Data : Contain Period from year 1995 to 2060 with all possible period names using combinations based on (PeriodID,Mode,PeriodIdX)

Logic :

1.Extract Mode,ModeID,PeriodIdx from excel sheet period .

2.get year as a parameter,create primary key for each combination as,

Periodyear + periodidx+periodmodeid+

3.then make all combination using above parameters

4.create startdateid and enddateid

**CalendarDate :**

Data : Contain DateId and Date between 01-01-1995 to 31-12-2050

Logic:

1.generate dates using timedelta function

2.create standarddate using strftime

3.DateID(primarykey) is in YYYYMMDD structure without any seperater.

**CalendarTime :**

Data: Contain time within 24 hours (TimeID,Time)

Logic:

1.create TimeID(primary key) using epoch time. i.e(time \* 86400)

2.Time i.e(00:00:01)

**DWGeography:**

Data : Contain DWHGeoID which is unique

2.Type like(Continent:1,Region:2,Country:3)

3.Description (may Country,Continent,Region names)

4.RefID : GeoID from Virtua or any reference

**DWGeographyMapping**:

Data : Contain MappingID :which is unique,

CountryID : CountryID from DWGeoghraphy,

MappingType : Mapping based on which type(like Region,Continent),

Description:Type Mapping(just for reference)

RefID : RegionCountryMappingID from Virtua or any reference

**DWGroups : data groupwise like Gics,user,organization**

Data : GroupID : which is unique,

Type : like

Description:GICS,User defined,Organization defined,RefID

**DWGroupMembership:**

Data : GroupID : From DWGroups table,

DWHCoID : company which is inder GroupID,

MembershipDateID : date

IsLatest: flag which contain which is latest groupmapping

**DWCompany :**

Data :

CoAttribute + CoSecurity + Company = Derived Company

**DWMainElement:**

Data: Contain DWHID **:** Unique element

RefID : Reference ID from virtua or any other

SegmentID,ProductID,GeoID,GicID,OtherElementID,SubElementID : all elements

DWHCoID : CoID from Company

**DWStarSchema :**

Data : Contain DWHID : unique elment,

PeriodID : PeriodID from Period table

ReportedDateID : Reported date

Value : value for element

DWHCoID : company id

Logic :

1.find DWHID from DWMainElement from possible compbinations

2.insert value for periodid and DWHCoID

3.insert reported date from period table

**DWPeriodWiseSchema :**

Data **:**

PeriodID as column from (2010-2040)

DWHID : (from 1 to 279)

ReportedDateID : DateID from Date table

DWHCoID : company wise DWHCoID

Logic:

1.insert all DWHID row unique

2.update row using periodid and DWHID

3.For now,reporteddate as today

4.DWHCoID for company

**DW\_DWHIDWiseSchema :**

Data : PeriodID : Create row for specific period(Unique)

ReportedDateID : DateID for now,today

DWHID as column : (1 to 279)

**DWFunctions:**

Data: Functionname with formula

**DWDerivedElement :**

**DWDerEleStarSchema :**

Data :

DWHDerEleID : UniqueID from