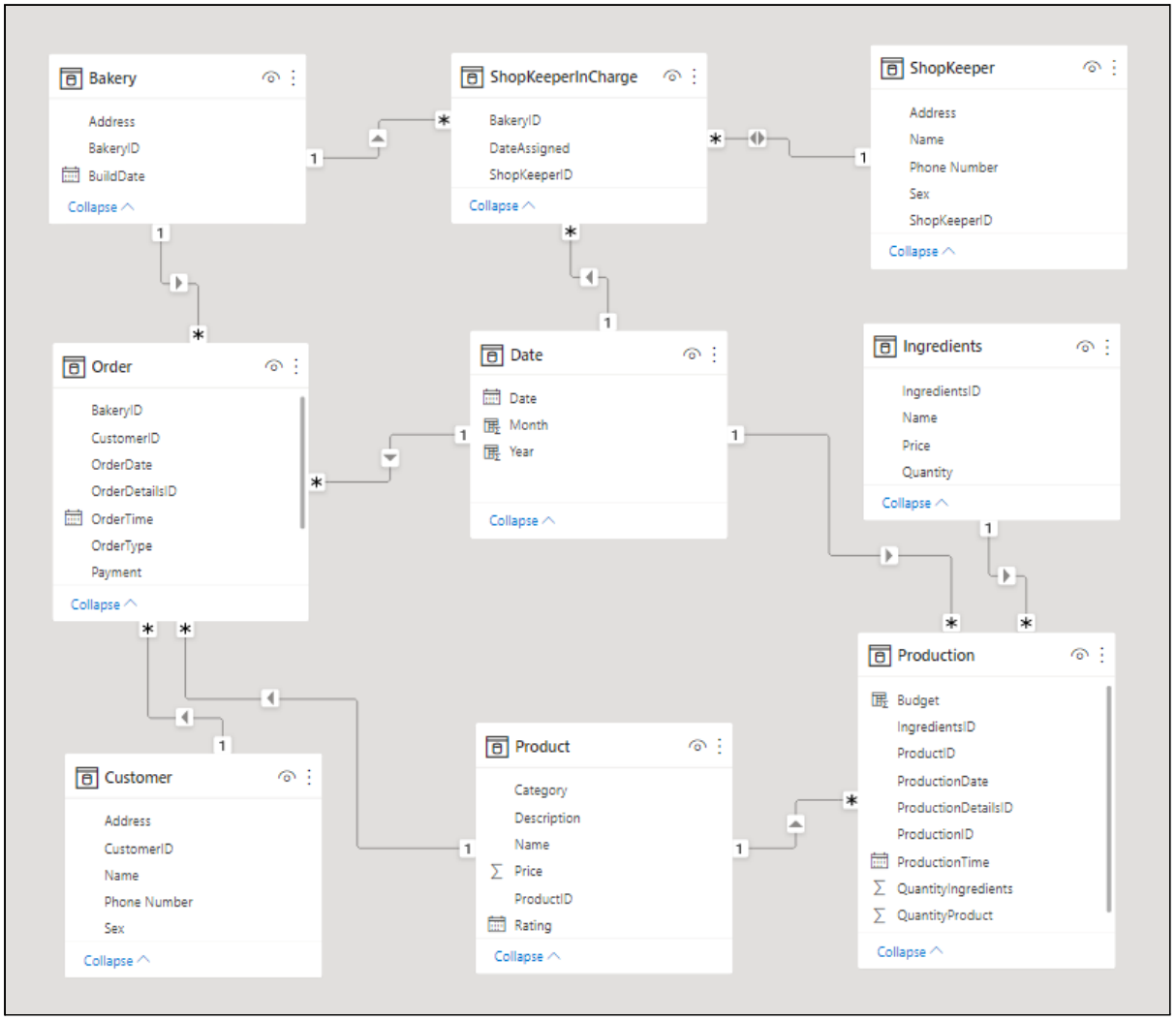
Proyek *Reporting* Power BI

Kelompok :

1. Arnol Hadi Wijaya / C14190092
2. Dick Jovian / C14190076
3. Bryan Fernando Liauwan / C14190020

Dimensional Model



DAX Function

Arnol Hadi Wijaya:

1. Penjualan = SUM('Order'[Price])
2. Penjualan per Product = SUMX(VALUES('Order'[ProductID]),CALCULATE(SUM('Order'[Price])))

3. Total Pegawai = DISTINCTCOUNT('ShopKeeper'[ShopKeeperID])
4. Bakery dg Offline =
   CALCULATE(COUNT('Order'[BakeryID]),FILTER('Order','Order'[OrderType]=="Offline"))
   Bakery dg Online =
   CALCULATE(COUNT('Order'[BakeryID]),FILTER('Order','Order'[OrderType]=="Online"))

Dick Jovian:

1. Presentase Produk Terjual = DIVIDE([Banyak terjual], [Banyak terbuat])
   *Banyak terbuat = CALCULATE(SUM('Production'[QuantityProduct]))
   *Banyak terjual = CALCULATE(SUM('Order'[Quantity]))
2. SalesBakery = SUMX(VALUES('Bakery'[BakeryID]),CALCULATE(SUM('Order'[Price])))
3. Quantity penjualannya diatas rata-rata = SUMX(FILTER('Order',[Quantity] >
   AVERAGE('Order'[Quantity])),[Quantity])
4. Pertumbuhan Cabang baru setiap tahun =
   VAR CurrentYear = MAX('Date'[Year])
   RETURN
   CALCULATE(
   [CountA Bakery]
   ,FILTER(
   ALL('Date')
   ,'Date'[Year] <= CurrentYear
)
)
   *CountA Bakery = COUNTA('Bakery'[BuildDate])

Bryan Fernando Liauwan:

1. Rata-rata Penjualan = AVERAGE('Order'[Price])
2. Penjualan per Customer =
   SUMX(VALUES('Order'[CustomerID]),CALCULATE(SUM('Order'[Price])))
3. Pembelian > 1 juta = CALCULATE([Total per Order Detail], FILTER('Order',[Total per
   Order Detail]>1000000))
   *Total per Order Detail = CALCULATE(SUM('Order'[Price]),
   ALLEXCEPT('Order','Order'[OrderDetailsID]))
4. Filter = ISFILTERED('Date'[Year])

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