

DAX Queries used in the PBI Dashboard Project

```
AgeGroup = SWITCH(  
TRUE(),  
'cust_detail'[customer_age] < 30, "20-30",  
'cust_detail'[customer_age] >= 30 && 'cust_detail'[customer_age] < 40, "30-40",  
'cust_detail'[customer_age] >= 40 && 'cust_detail'[customer_age] < 50, "40-50",  
'cust_detail'[customer_age] >= 50 && 'cust_detail'[customer_age] < 60, "50-60",  
'cust_detail'[customer_age] >= 60, "60+",  
"unknown" )
```

```
IncomeGroup = SWITCH(  
TRUE(),  
'cust_detail'[income] < 35000, "Low", 'cust_detail'[income] >= 35000 &&  
'cust_detail'[income] = 70000, "High",  
"unknown"
```

```
week_num2 = WEEKNUM('cc_detail'[week_start_date])
```

```
Revenue = 'cc_detail'[annual_fees] + 'cc_detail'[total_trans_amt] +  
'cc_detail'[interest_earned]
```

```
Current_week_Reveneue = CALCULATE( SUM('cc_detail'[Revenue]), FILTER(  
ALL('cc_detail'), 'cc_detail'[week_num2] = MAX('cc_detail'[week_num2])))
```

```
Previous_week_Reveneue = CALCULATE( SUM('cc_detail'[Revenue]), FILTER(  
ALL('cc_detail'), 'cc_detail'[week_num2] = MAX('cc_detail'[week_num2])-1))
```