Query to create required columns and measures for the dashboard:

1)

```
AgeGroup = SWITCH(

    TRUE(),

    'public cust_detail'[customer_age] < 30, "20-30",

    'public cust_detail'[customer_age] >= 30 && 'public cust_detail'[customer_age] < 40, "30-40",

    'public cust_detail'[customer_age] >= 40 && 'public cust_detail'[customer_age] < 50, "40-50",

'public cust_detail'[customer_age] >= 50 && 'public cust_detail'[customer_age] < 60, "50-60",

    'public cust_detail'[customer_age] >= 60, "60+",

    "unknown"

)
```

2)

```
IncomeGroup = SWITCH(

    TRUE(),

    'public cust_detail'[income] < 35000, "Low",

    'public cust_detail'[income] >= 35000 && 'public cust_detail'[income] < 70000, "Med",

    'public cust_detail'[income] >= 70000, "High",

    "unknown"

)
```

3)

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

4)

```
Revenue = 'public cc_detail'[annual_fees]

     + 'public cc_detail'[total_trans_amt]

     + 'public cc_detail'[interest_earned]
```

```
Current_week_Revenue = CALCULATE(
```

```
    SUM('public cc_detail'[Revenue]),

    FILTER(

      ALL('public cc_detail'),

      'public cc_detail'[week_num2] = MAX('public cc_detail'[week_num2])

    )

)
```

5)
```
Previous_week_Revenue = CALCULATE(

    SUM('public cc_detail'[Revenue]),

    FILTER(

      ALL('public cc_detail'),

      'public cc_detail'[week_num2] = MAX('public cc_detail'[week_num2]) - 1

    )

)
```

6)
```
Delinquent_count =

CALCULATE(

    DISTINCTCOUNT('creditcarddb cc_detail'[Client_Num]),

    'creditcarddb cc_detail'[Delinquent_Acc] = 1

)
```

7)
```
Delinquent Percent = DIVIDE([Delinquent_count],[Total_Customers])
```