Power BI Data Model Documentation

# Tables

* 📂 credit\_card (Hidden: False)
* 📂 DateTableTemplate\_910e0cfd-6723-49ed-a597-761ef2ae5d67 (Hidden: True)
* 📂 LocalDateTable\_a806b35a-935a-4dee-ae88-a8dcdd64c272 (Hidden: True)
* 📂 customer (Hidden: False)

# Columns

* **credit\_card.RowNumber-2662979B-1795-4F74-8F37-6A1BA8059B61** — Type: Int64, Calculated: False, Source: , Hidden: True
* **credit\_card.Client\_Num** — Type: Int64, Calculated: False, Source: , Hidden: False
* **credit\_card.Card\_Category** — Type: String, Calculated: False, Source: , Hidden: False
* **credit\_card.Annual\_Fees** — Type: Int64, Calculated: False, Source: , Hidden: False
* **credit\_card.Activation\_30\_Days** — Type: Int64, Calculated: False, Source: , Hidden: False
* **credit\_card.Customer\_Acq\_Cost** — Type: Int64, Calculated: False, Source: , Hidden: False
* **credit\_card.Week\_Start\_Date** — Type: DateTime, Calculated: False, Source: , Hidden: False
* **credit\_card.Week\_Num** — Type: String, Calculated: False, Source: , Hidden: False
* **credit\_card.Qtr** — Type: String, Calculated: False, Source: , Hidden: False
* **credit\_card.current\_year** — Type: Int64, Calculated: False, Source: , Hidden: False
* **credit\_card.Credit\_Limit** — Type: Double, Calculated: False, Source: , Hidden: False
* **credit\_card.Total\_Revolving\_Bal** — Type: Int64, Calculated: False, Source: , Hidden: False
* **credit\_card.Total\_Trans\_Amt** — Type: Int64, Calculated: False, Source: , Hidden: False
* **credit\_card.Total\_Trans\_Vol** — Type: Int64, Calculated: False, Source: , Hidden: False
* **credit\_card.Avg\_Utilization\_Ratio** — Type: Double, Calculated: False, Source: , Hidden: False
* **credit\_card.Use Chip** — Type: String, Calculated: False, Source: , Hidden: False
* **credit\_card.Exp Type** — Type: String, Calculated: False, Source: , Hidden: False
* **credit\_card.Interest\_Earned** — Type: Double, Calculated: False, Source: , Hidden: False
* **credit\_card.Delinquent\_Acc** — Type: Int64, Calculated: False, Source: , Hidden: False
* **credit\_card.Revenue** — Type: Double, Calculated: True, Source: , Hidden: False
* **credit\_card.Week\_Num2** — Type: Int64, Calculated: True, Source: , Hidden: False
* **DateTableTemplate\_910e0cfd-6723-49ed-a597-761ef2ae5d67.RowNumber-2662979B-1795-4F74-8F37-6A1BA8059B61** — Type: Int64, Calculated: False, Source: , Hidden: True
* **DateTableTemplate\_910e0cfd-6723-49ed-a597-761ef2ae5d67.Date** — Type: DateTime, Calculated: False, Source: , Hidden: True
* **DateTableTemplate\_910e0cfd-6723-49ed-a597-761ef2ae5d67.Year** — Type: Int64, Calculated: True, Source: , Hidden: True
* **DateTableTemplate\_910e0cfd-6723-49ed-a597-761ef2ae5d67.MonthNo** — Type: Int64, Calculated: True, Source: , Hidden: True
* **DateTableTemplate\_910e0cfd-6723-49ed-a597-761ef2ae5d67.Month** — Type: String, Calculated: True, Source: , Hidden: True
* **DateTableTemplate\_910e0cfd-6723-49ed-a597-761ef2ae5d67.QuarterNo** — Type: Int64, Calculated: True, Source: , Hidden: True
* **DateTableTemplate\_910e0cfd-6723-49ed-a597-761ef2ae5d67.Quarter** — Type: String, Calculated: True, Source: , Hidden: True
* **DateTableTemplate\_910e0cfd-6723-49ed-a597-761ef2ae5d67.Day** — Type: Int64, Calculated: True, Source: , Hidden: True
* **LocalDateTable\_a806b35a-935a-4dee-ae88-a8dcdd64c272.RowNumber-2662979B-1795-4F74-8F37-6A1BA8059B61** — Type: Int64, Calculated: False, Source: , Hidden: True
* **LocalDateTable\_a806b35a-935a-4dee-ae88-a8dcdd64c272.Date** — Type: DateTime, Calculated: False, Source: , Hidden: True
* **LocalDateTable\_a806b35a-935a-4dee-ae88-a8dcdd64c272.Year** — Type: Int64, Calculated: True, Source: , Hidden: True
* **LocalDateTable\_a806b35a-935a-4dee-ae88-a8dcdd64c272.MonthNo** — Type: Int64, Calculated: True, Source: , Hidden: True
* **LocalDateTable\_a806b35a-935a-4dee-ae88-a8dcdd64c272.Month** — Type: String, Calculated: True, Source: , Hidden: True
* **LocalDateTable\_a806b35a-935a-4dee-ae88-a8dcdd64c272.QuarterNo** — Type: Int64, Calculated: True, Source: , Hidden: True
* **LocalDateTable\_a806b35a-935a-4dee-ae88-a8dcdd64c272.Quarter** — Type: String, Calculated: True, Source: , Hidden: True
* **LocalDateTable\_a806b35a-935a-4dee-ae88-a8dcdd64c272.Day** — Type: Int64, Calculated: True, Source: , Hidden: True
* **customer.RowNumber-2662979B-1795-4F74-8F37-6A1BA8059B61** — Type: Int64, Calculated: False, Source: , Hidden: True
* **customer.Client\_Num** — Type: Int64, Calculated: False, Source: , Hidden: False
* **customer.Customer\_Age** — Type: Int64, Calculated: False, Source: , Hidden: False
* **customer.Gender** — Type: String, Calculated: False, Source: , Hidden: False
* **customer.Dependent\_Count** — Type: Int64, Calculated: False, Source: , Hidden: False
* **customer.Education\_Level** — Type: String, Calculated: False, Source: , Hidden: False
* **customer.Marital\_Status** — Type: String, Calculated: False, Source: , Hidden: False
* **customer.state\_cd** — Type: String, Calculated: False, Source: , Hidden: False
* **customer.Zipcode** — Type: Int64, Calculated: False, Source: , Hidden: False
* **customer.Car\_Owner** — Type: String, Calculated: False, Source: , Hidden: False
* **customer.House\_Owner** — Type: String, Calculated: False, Source: , Hidden: False
* **customer.Personal\_loan** — Type: String, Calculated: False, Source: , Hidden: False
* **customer.contact** — Type: String, Calculated: False, Source: , Hidden: False
* **customer.Customer\_Job** — Type: String, Calculated: False, Source: , Hidden: False
* **customer.Income** — Type: Int64, Calculated: False, Source: , Hidden: False
* **customer.Cust\_Satisfaction\_Score** — Type: Int64, Calculated: False, Source: , Hidden: False
* **customer.AgeGroup** — Type: String, Calculated: True, Source: , Hidden: False
* **customer.IncomeGroup** — Type: String, Calculated: True, Source: , Hidden: False

# Measures

## credit\_card → Current\_Week\_Revenue

CALCULATE(  
 SUM(credit\_card[Revenue]),  
 FILTER(  
 ALL(credit\_card),  
 credit\_card[Week\_Num2] = MAX(credit\_card[Week\_Num2])  
 )  
)

## credit\_card → Previous\_Week\_Revenue

CALCULATE(  
 SUM(credit\_card[Revenue]),  
 FILTER(  
 ALL(credit\_card),  
 credit\_card[Week\_Num2] = MAX(credit\_card[Week\_Num2])-1  
 )  
)

## credit\_card → WoW\_Revenue

DIVIDE((credit\_card[Current\_Week\_Revenue] - credit\_card[Previous\_Week\_Revenue]), credit\_card[Previous\_Week\_Revenue])

# Relationships

* credit\_card.Week\_Start\_Date ➝ LocalDateTable\_a806b35a-935a-4dee-ae88-a8dcdd64c272.Date (Cardinality: Many-One, Cross Filter: OneDirection)
* customer.Client\_Num ➝ credit\_card.Client\_Num (Cardinality: One-One, Cross Filter: BothDirections)