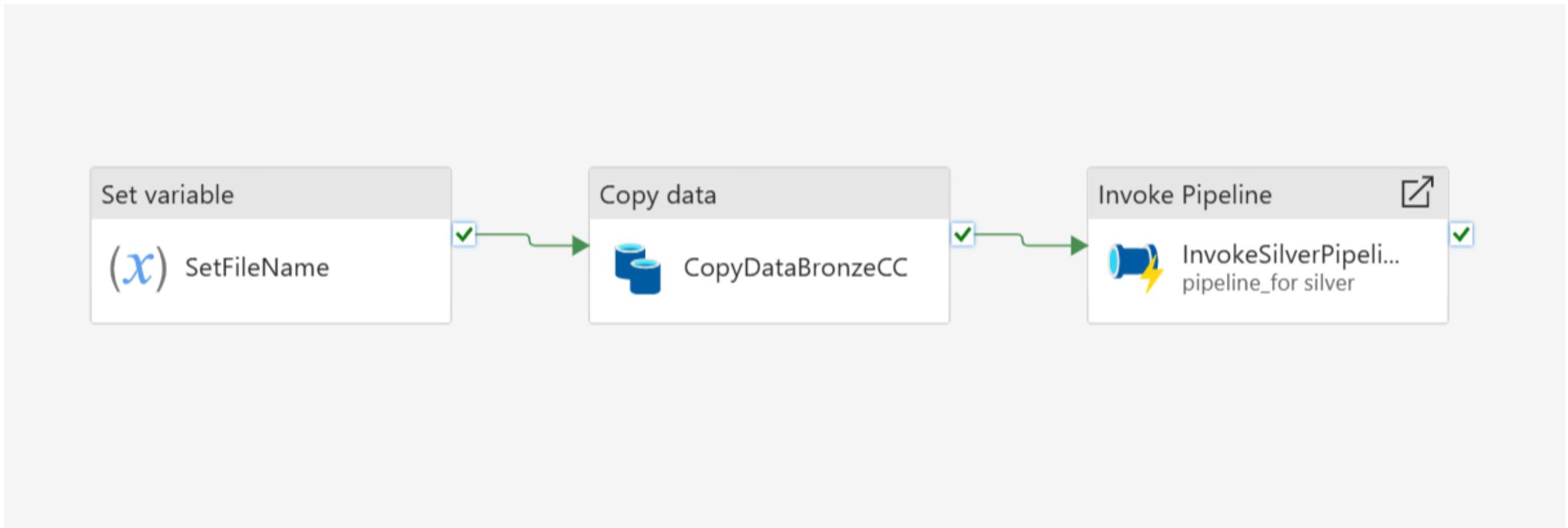
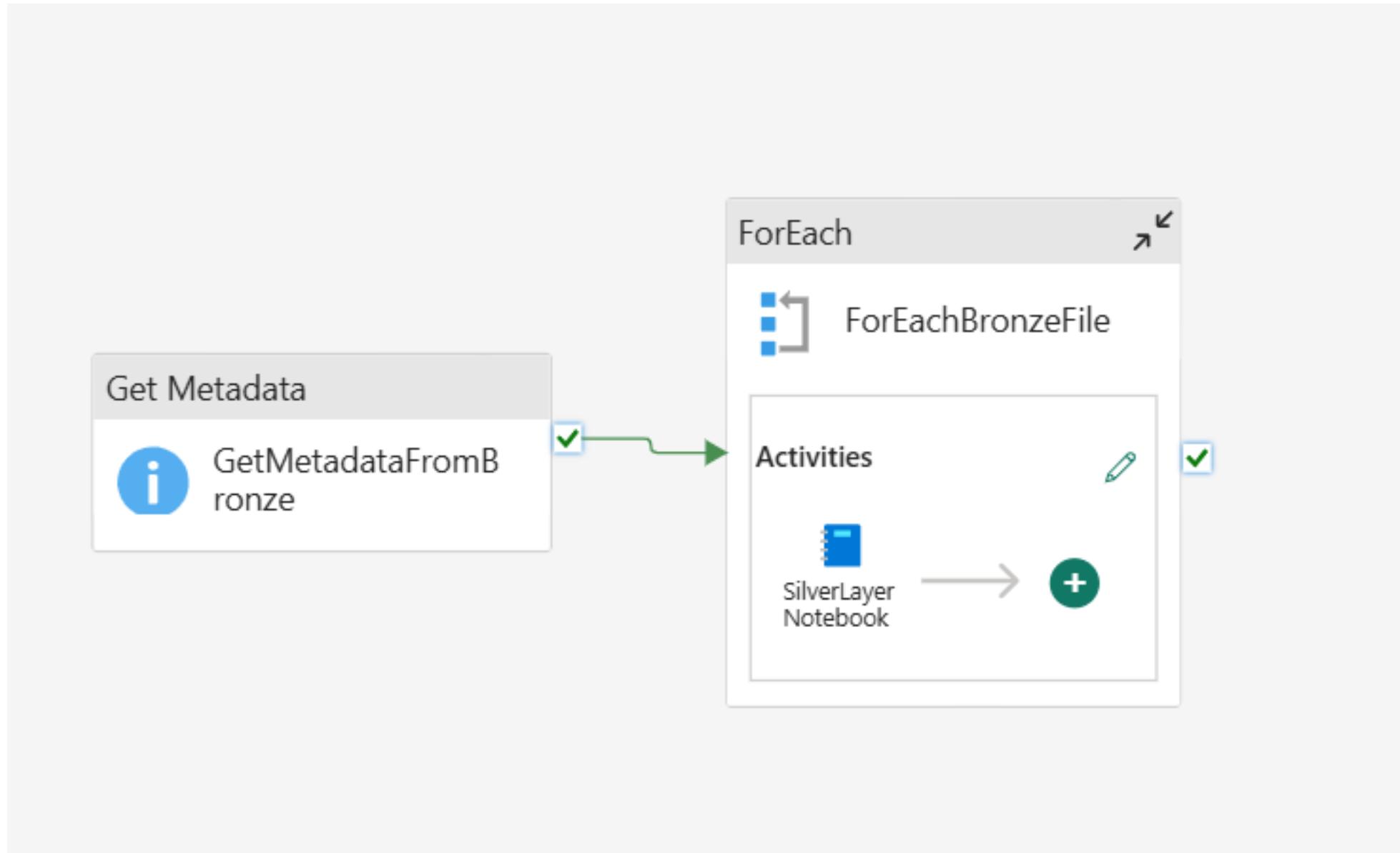


Bronze Pipeline



Silver Pipeline



Pyspark Notebook

Fabric SilverLayer_DataTransformation X | Saved ▾ Search Trials activated:
56 days left

Home Edit AI tools Run View Comments History Develop Share

Run all Connect PySpark (Python) Environment Workspace default Data Wrangler Copilot

Explorer

```
1 # Welcome to your new notebook
2 # Type here in the cell editor to add code!
3
4 from pyspark.sql.functions import *
[23] ✓ - Command executed in 378 ms by fabric new user on 1/6/2026, 5:56:41 PM PySpark (Python)
```

```
1 ...
2 ...
3 ...
4 ...
5 ...
[24] ✓ - Command executed in 371 ms by fabric new user on 1/6/2026, 5:56:42 PM PySpark (Python) Parameters
```

```
1 ...
2 ...
3 ...
4 ...
5 ...
[25] ✓ - Command executed in 331 ms by fabric new user on 1/6/2026, 5:56:42 PM PySpark (Python)
```

Not connected AutoSave: On Selected Cell 1 of 10 cells

Azure SQL - Data transformation by Dataflow Gen 2

Fabric DataflowCustomerSilver Trials activated: 56 days left

Power Query Dataflow saved

Home Transform Add column View Help

Get data Recent sources Enter data Manage connections Default data destination Options Manage parameters Refresh Properties Advanced editor Add data destination Add data destination Choose columns Remove columns Keep rows Remove rows Filter rows Reduce rows Sort Transform Combine Copilot Export template Insights Share

Queries [1] customer_with_personal_details

Source → Navigation 1 → Added custom → Added custom 1 → ABC 123 → Changed column... → Removed columns

Query settings

Name: customer_with_personal...

Applied steps

- Source
- Navigation 1
- Added cust...
- Added cust...
- ABC 123
- Changed c...
- Removed c...

Data destination

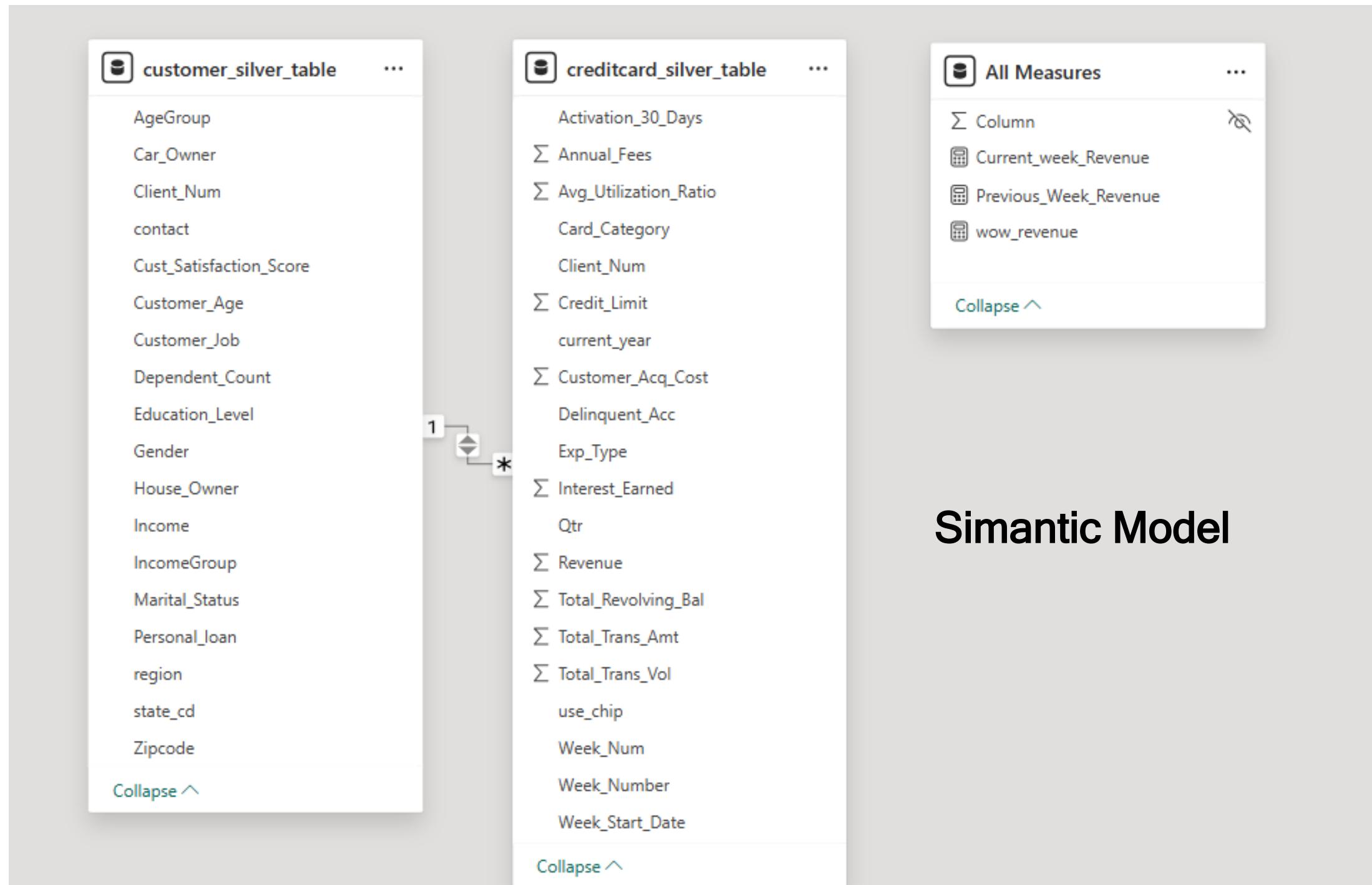
Lakehouse

Sql.Database("sqldatabasebronze.database.windows.net", "CreditCardDB")

	Name	Data	Schema	Item	Kind
1	customer_with_personal_details	[Table]	dbo	customer_with_personal_details	Table
2	fn_diagramobjects	[Table]	dbo	fn_diagramobjects	Function
3	new_customers	[Table]	dbo	new_customers	Table
4	sysdiagrams	[Table]	dbo	sysdiagrams	Table
5	sys.database_firewall_rules	[Table]	sys	database_firewall_rules	View

Completed (0.92 s) Columns: 5 Rows: 5 Add default destination...

Step Publish



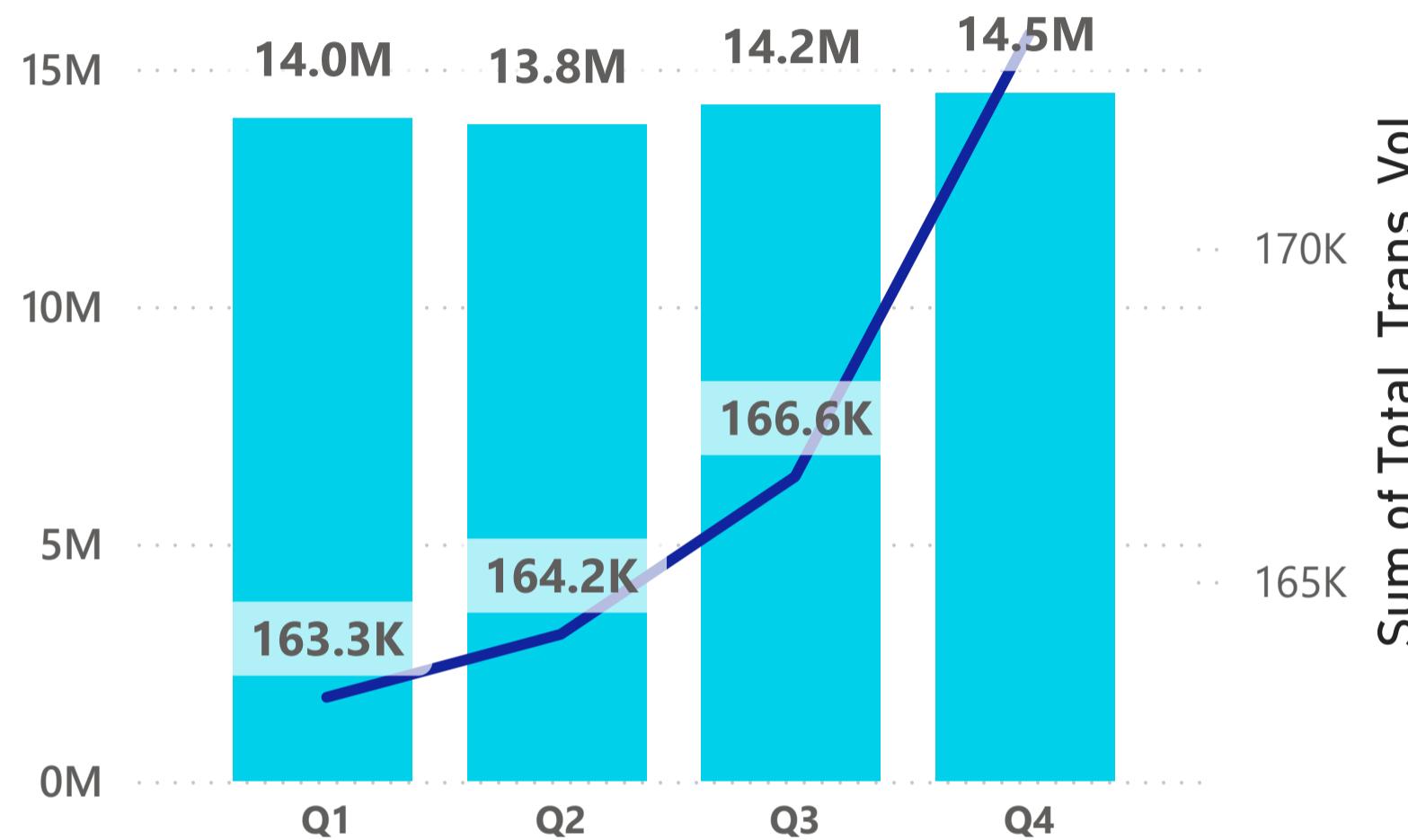


BANK

Credit Card Transaction Report

QTR Revenue and total trans count

- Sum of Revenue
- Sum of Total_Trans_Vol



Total Revenue

57M

Total Interest

7.98M

Amount

46M

Transactions

667K

Clear all slicers

Week_Start_Date

All

▼

F M

Quarter

Q1

Q2

Q3

Q4

Income Group

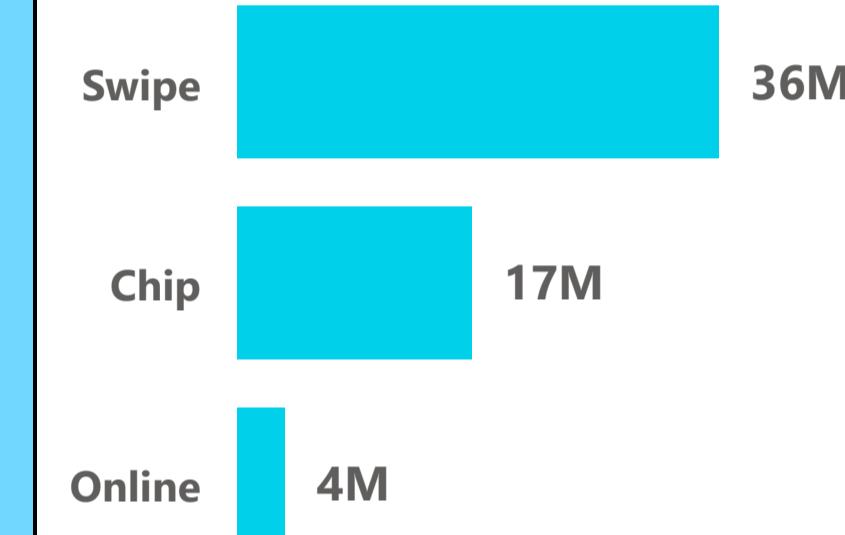
High

Low

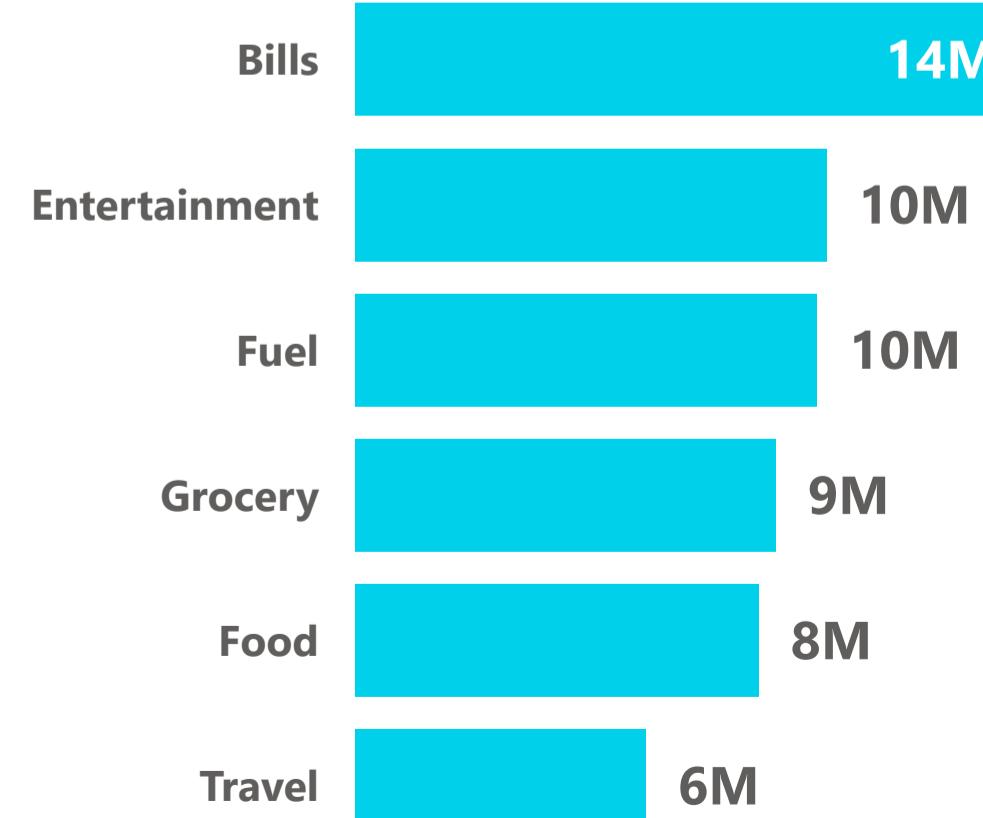
Med

Card_Category	Total Revenue	Sum of Total_Trans_Amt	Total Interest_Earned
Blue	47,188,612	37840749	6,614,173
Gold	2,533,682	2091362	384,755
Platinum	1,135,608	953314	161,629
Silver	5,659,109	4647596	821,923
Total	56,517,011	45533021	7,982,480

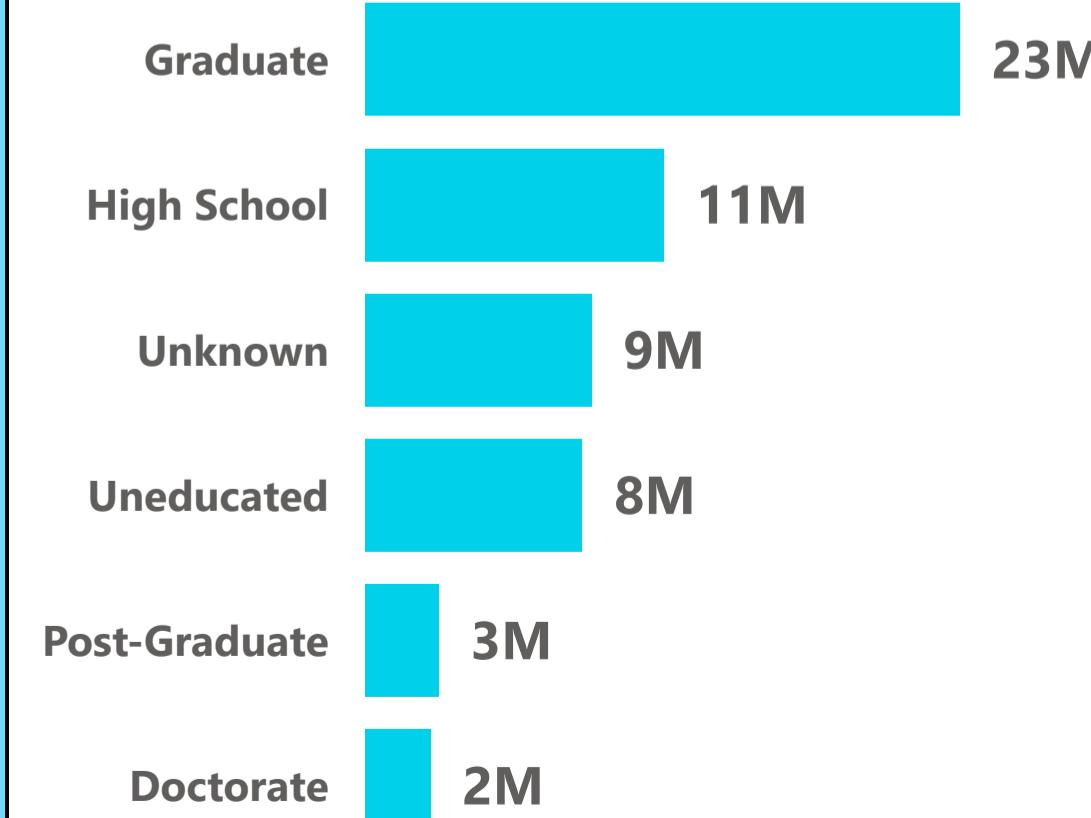
Revenue By Card Category



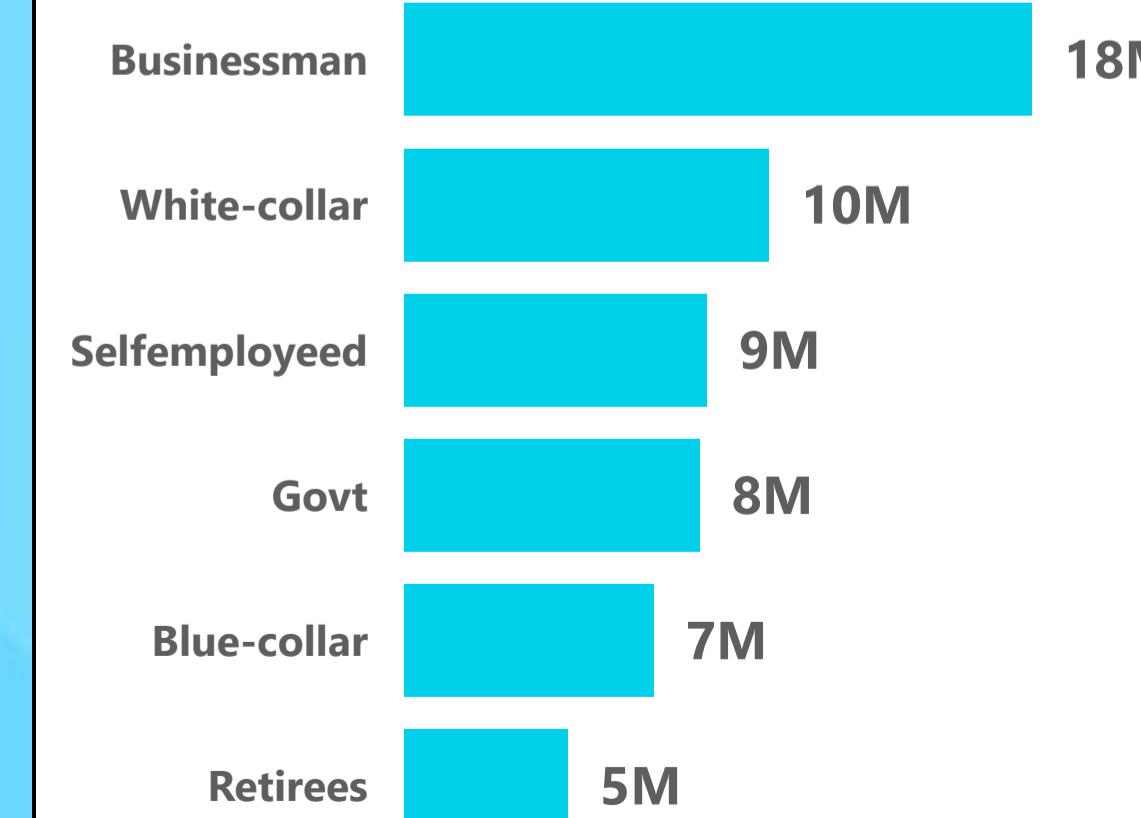
Revenue By Expenditure Type



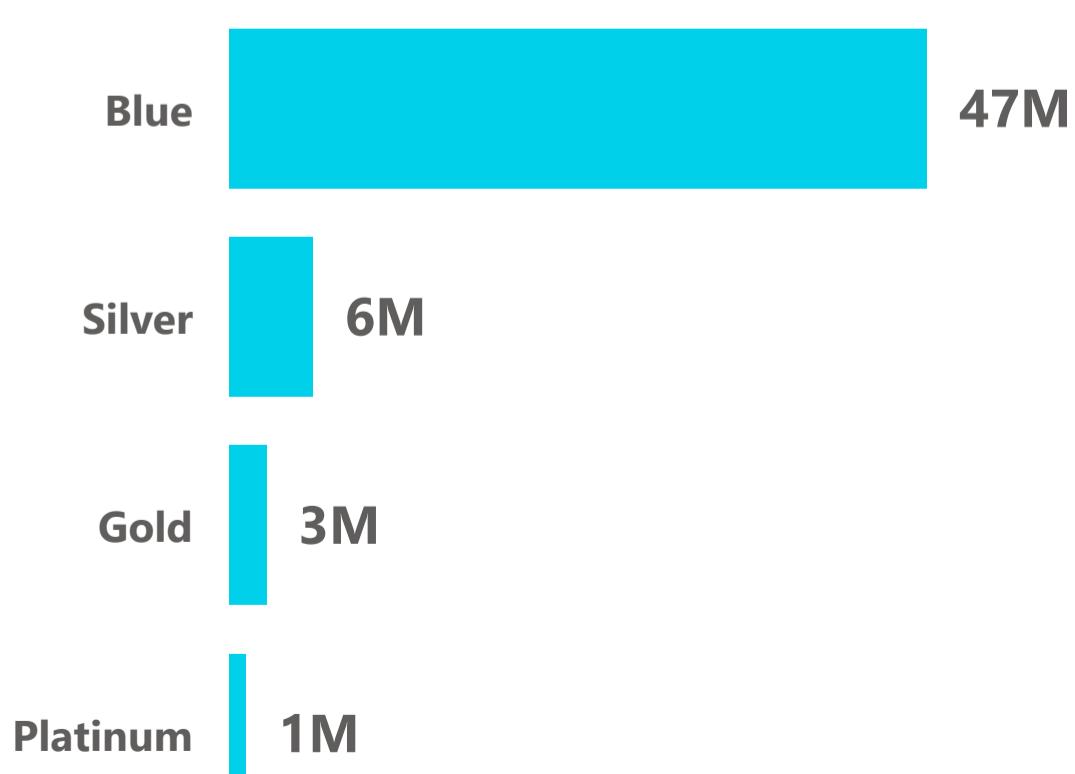
Revenue By EducationType



Revenue By Customer Job



Revenue By Card Category





BANK

Credit Card Customer Report

Total Revenue

57M

Total Interest

8.0M

Customers

10K

Avg. CSC ☆

3.2

Clear all slicers

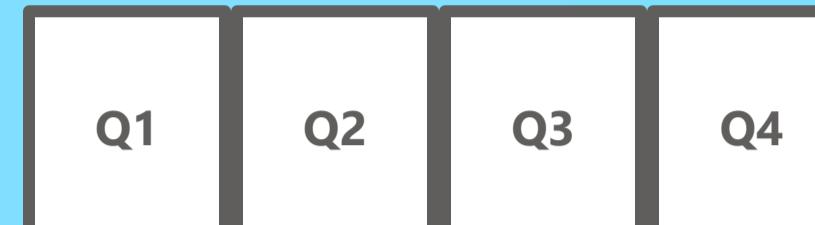
Start Date

All

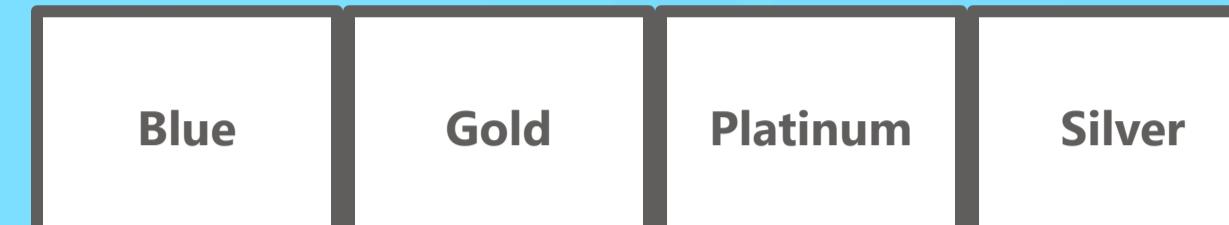
Revenue by Gender



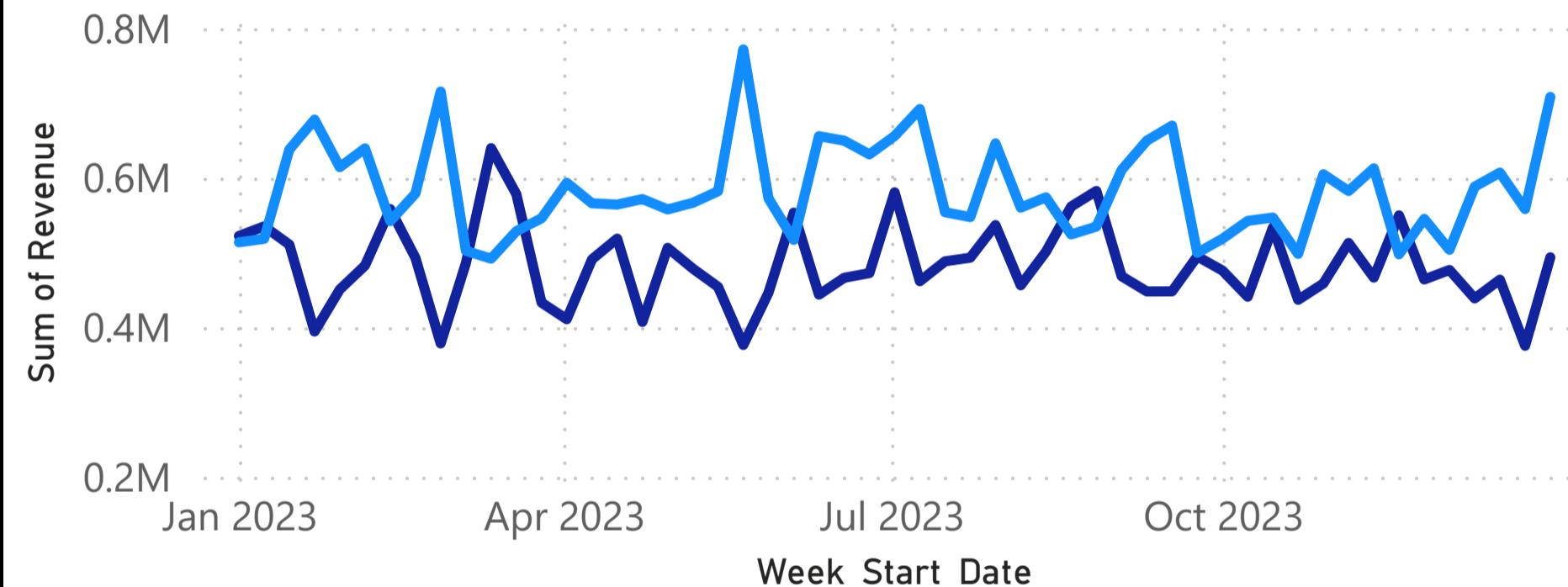
Quarter



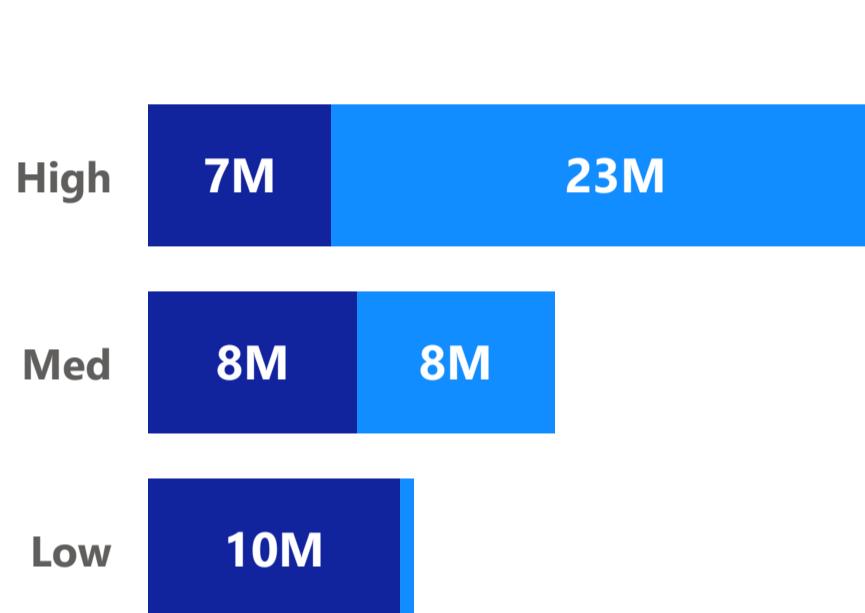
Payment Type



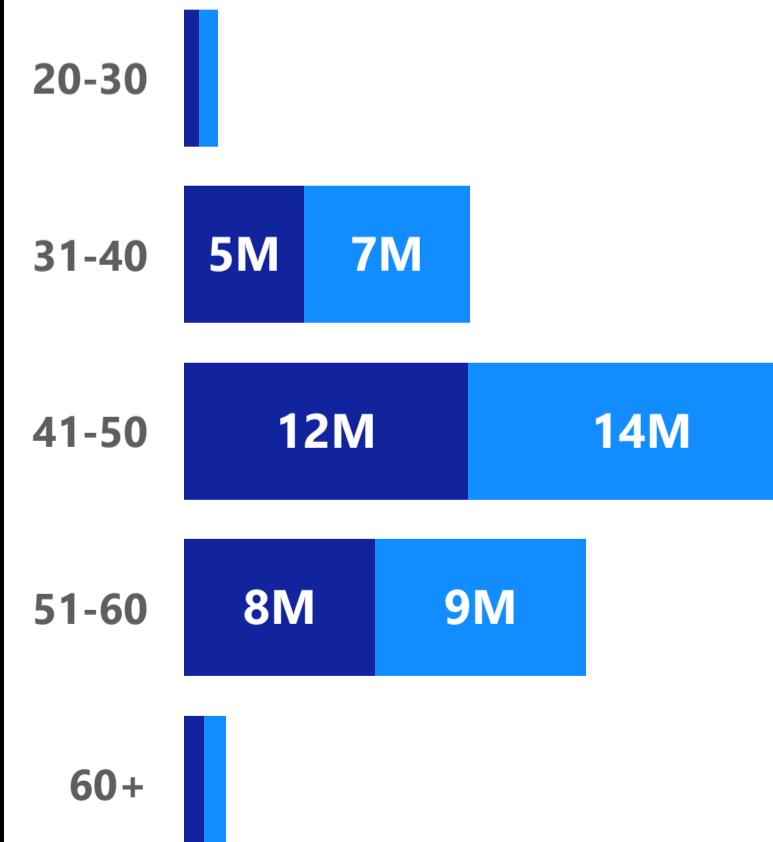
Sum of Revenue by Week_Start_Date and Gender



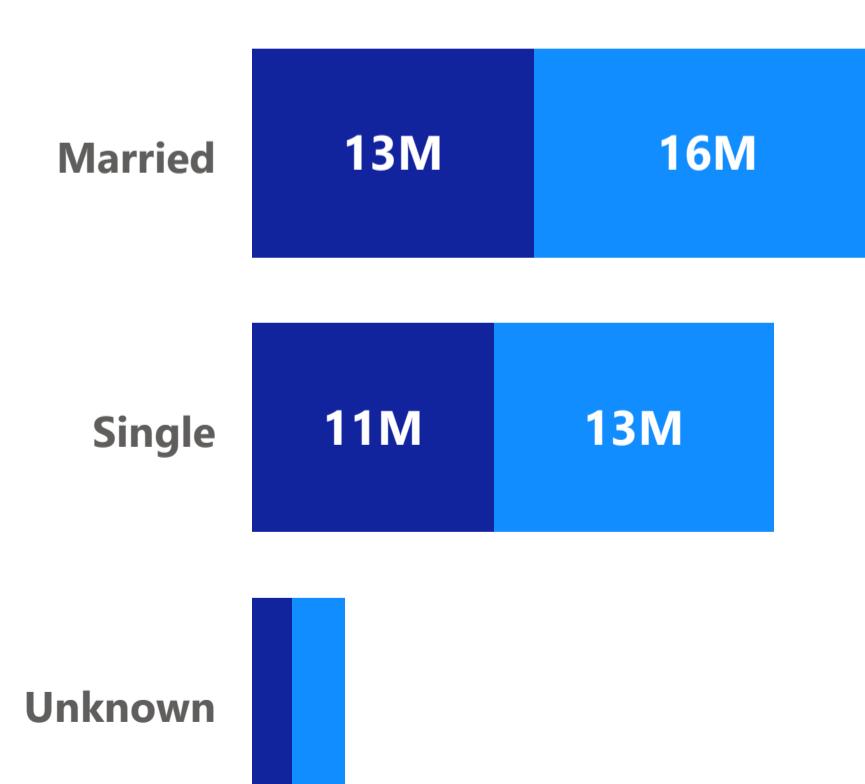
Revenue By Income Group



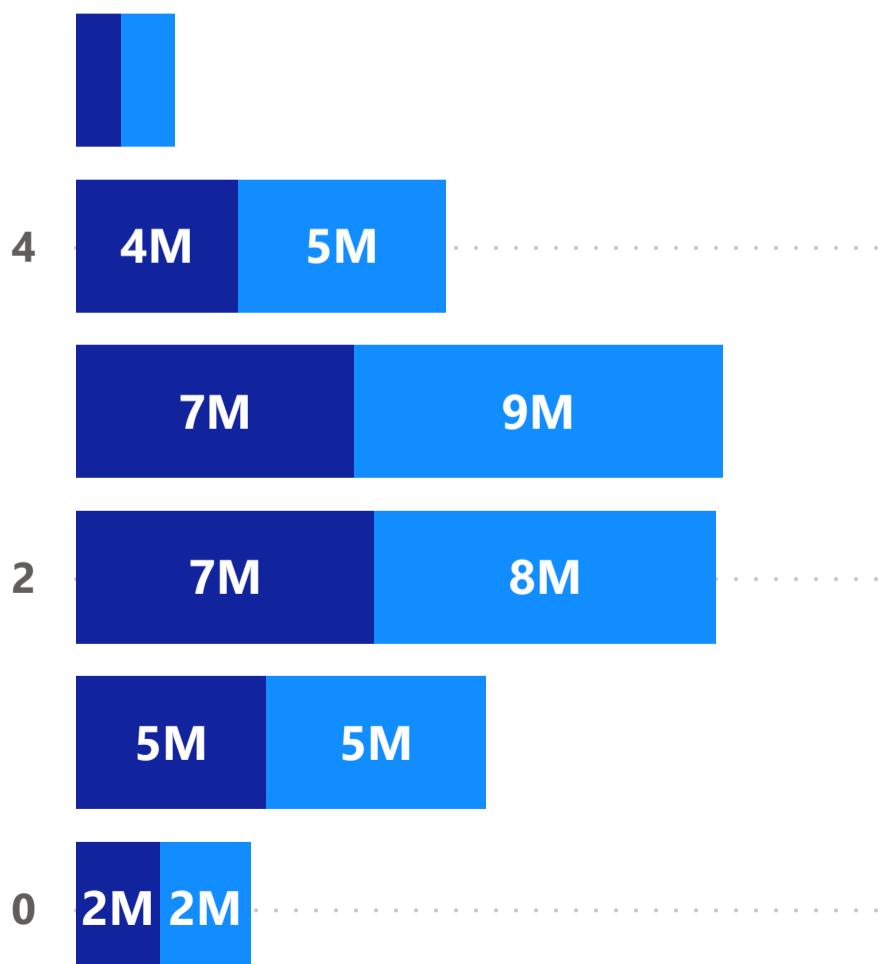
Revenue By Age Group



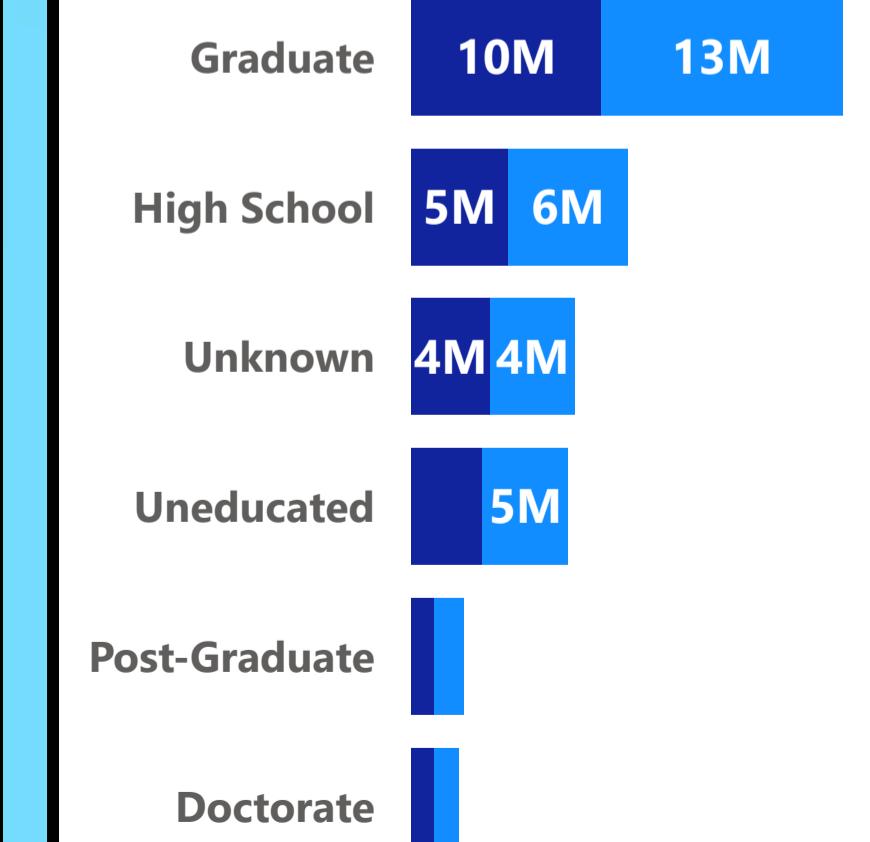
Revenue By Marital Status



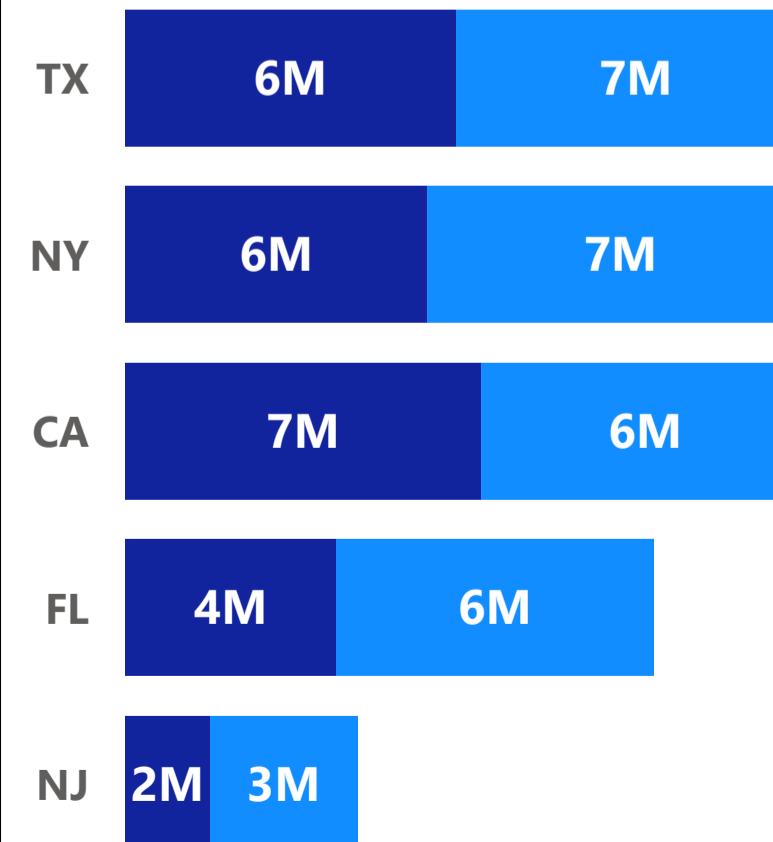
Revenue By Dependent Count



Revenue By Education



Top 5 States



Project Insights – Week 53 (31st Dec)

WoW change :

- Revenue increased by **28.8%**

Overview YTD :

- Overall revenue is **57M**
- Total interest is **8M**
- Total transaction amount is **46M**
- Male customers are contributing more in revenue **31M**, female **26M**
- **Blue & Silver credit cards** are contributing to **93%** of overall transactions
- **TX, NY & CA** are contributing to **68%**
- Overall **Activation rate** is **57.5%**
- Overall **Delinquent rate** is **6.06%**