

Ontario-U.S. Trade Analytics

Latest Period: August 2025

Overview

MoM Analysis

State Analysis

Commodity Analysis

Predictive Modelling

\$157.21B

Total Exports Value

+\$145.45M

Exports YoY Change

\$711.84B

Exports 3-Y Average

\$157.21B

Exports Value YTD

-\$151.43M

Total Trade Balance Value

\$157.36B

Total Imports Value

-\$376.31M

Imports YoY Change

\$722.03B

Imports 3-Y Average

\$157.36B

Imports Value YTD

-\$151.43M

Trade Balance Value YTD

KPI Period

Jul 2025

☐ Month

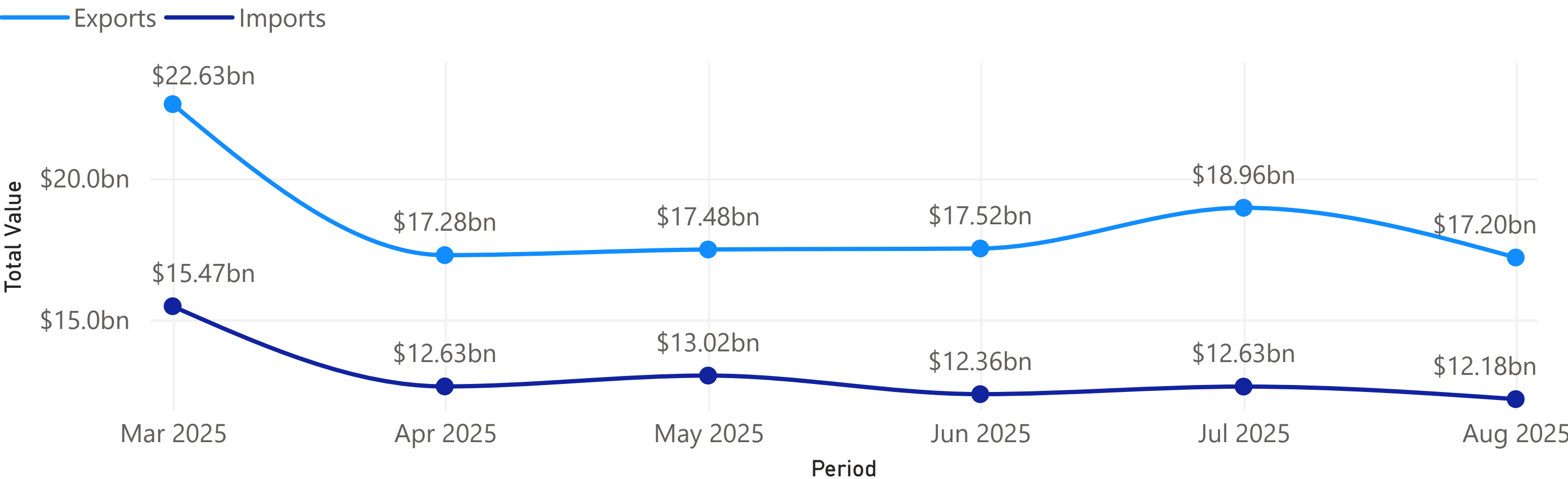
☐ Quarter

☒ Year

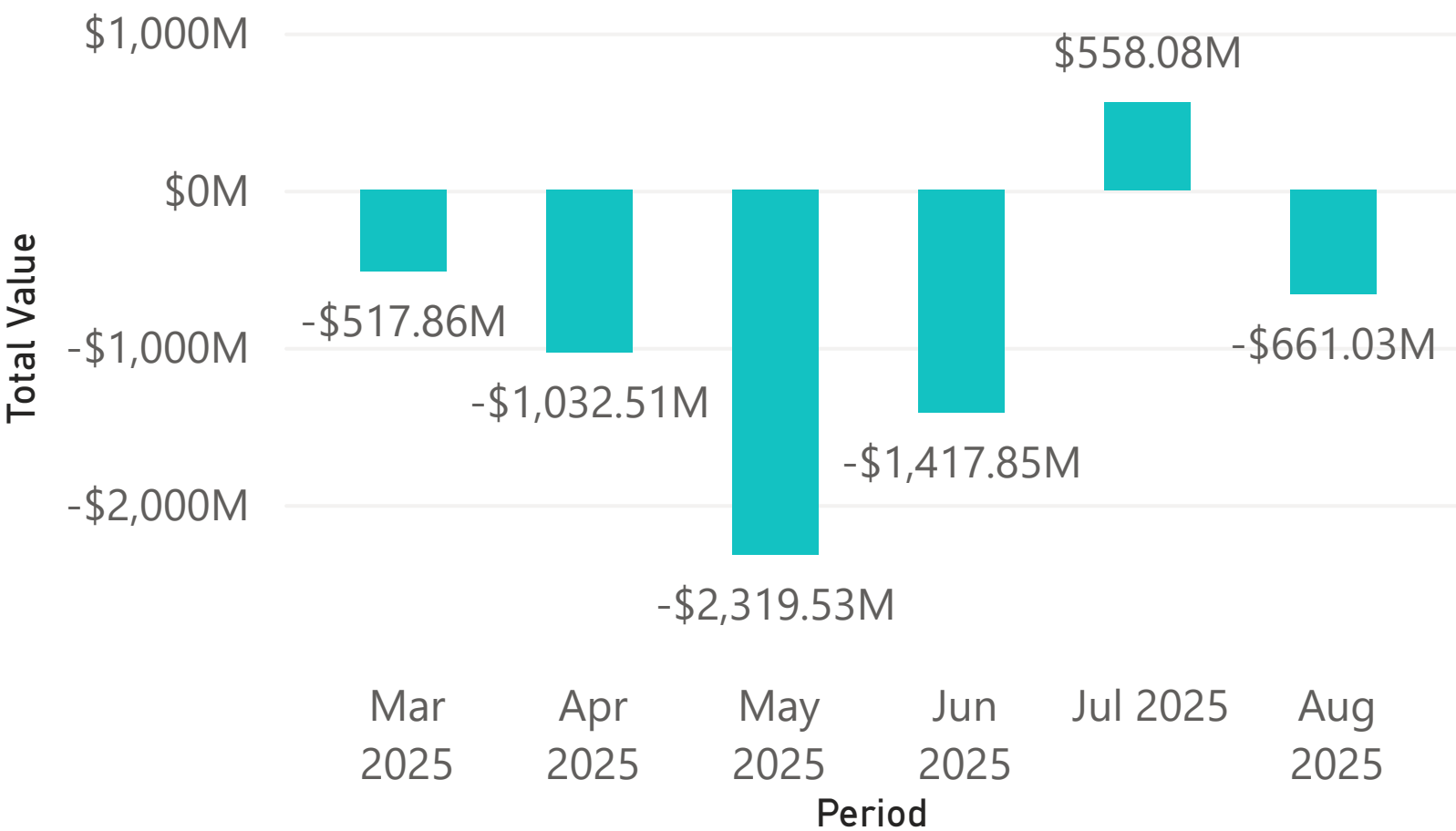
Chart Period

Multiple selections

Total Trade Value by Period



Total Trade Balance Value by Period



Ontario-U.S. Trade Analytics

Latest Period: August 2025

Overview

MoM Analysis

State Analysis

Commodity Analysis

Predictive Modelling

MoM Export Value

\$1.14M

14.34%

MoM Import Value

-\$0.54M

-3.62%

MoM Trade Balance Value

\$1.69M

-23.84%

Period

8/29/2024



8/1/2025



Commodity

☒ Select all

☐ Arms and ammunition

☐ Art and antiques

☐ Base metals and articles

☐ Chemical and allied products

☐ Clocks and watches

☐ Fats and oils

☐ Footwear, headgear, and accessories

☐ Furniture, toys, and miscellaneous goods

☐ Live animals, meat, fish, dairy, and animal products

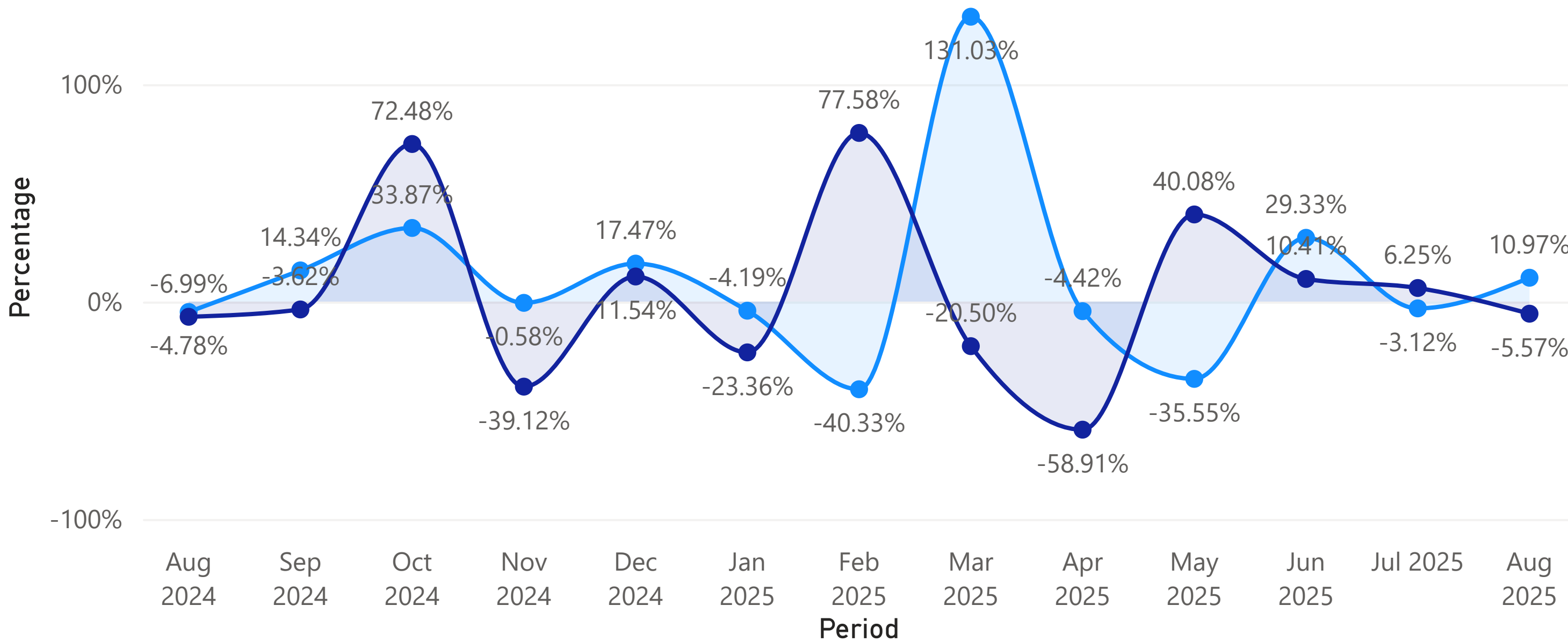
☐ Machinery and electrical equipment

Trend

Detail

MoM Trade Percentage Change

Exports Imports



Ontario-U.S. Trade Analytics

Latest Period: August 2025

Overview

MoM Analysis

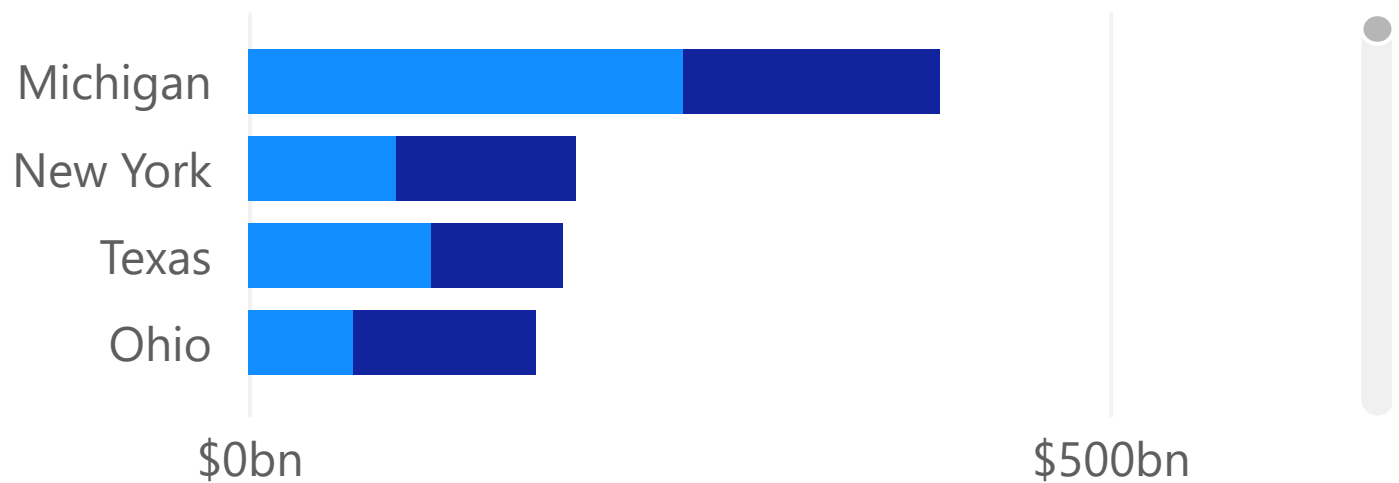
State Analysis

Commodity Analysis

Predictive Modelling

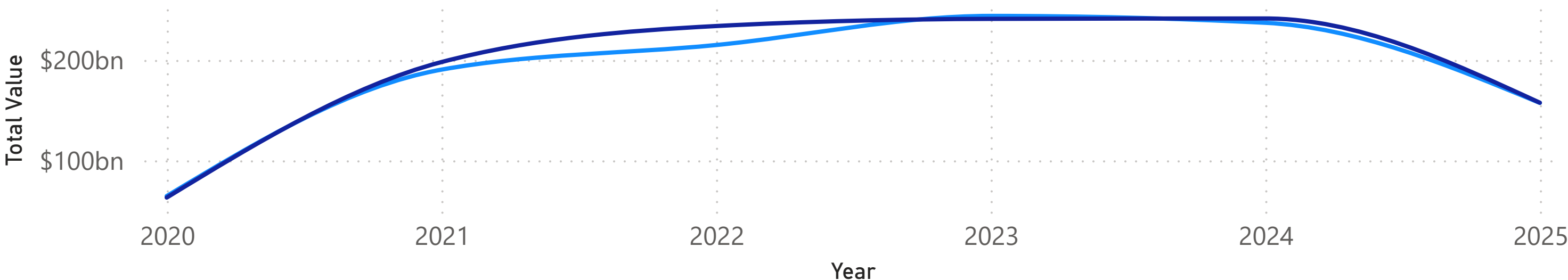
Total Trade Value by U.S. State

Export Import



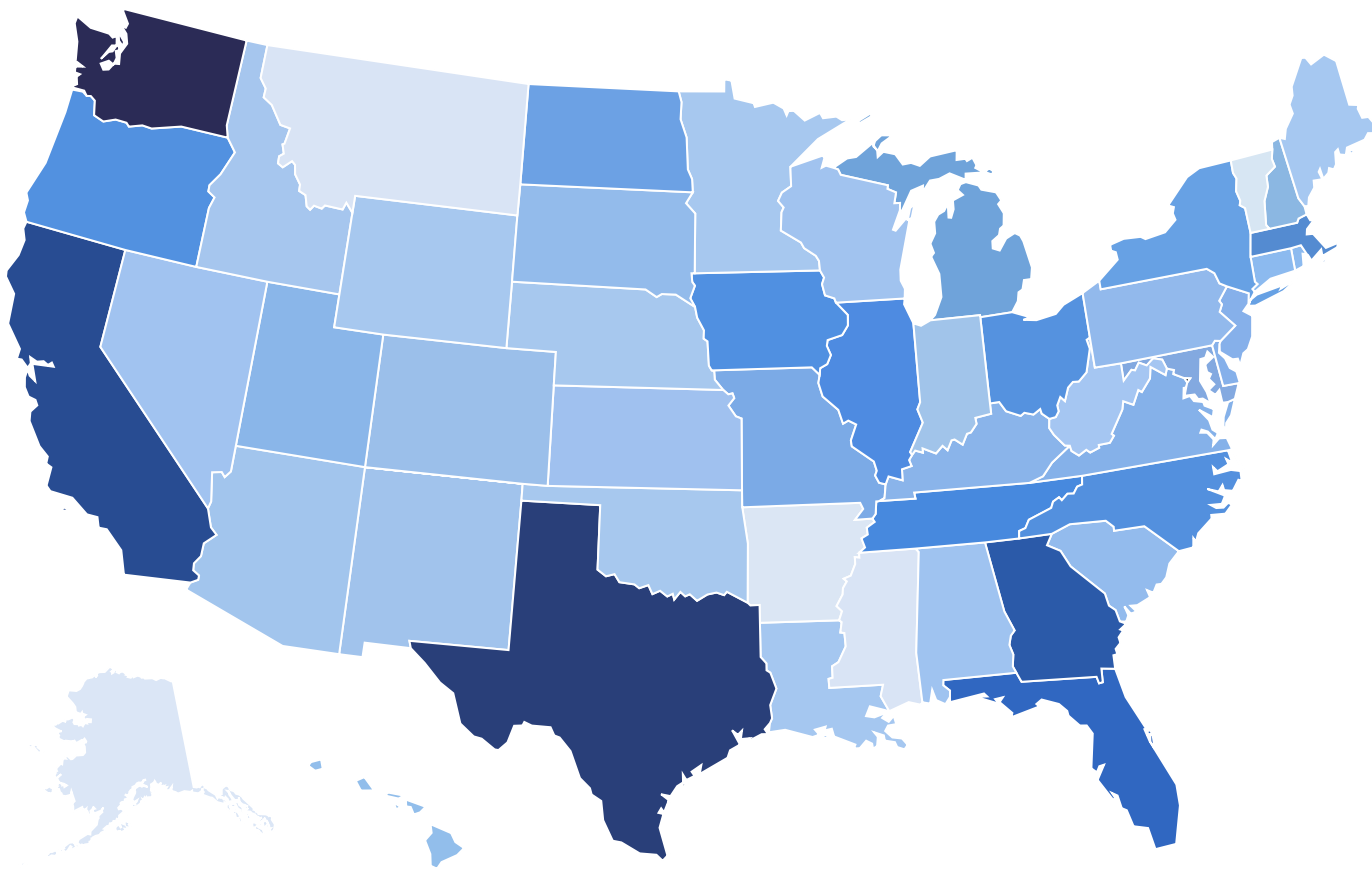
Total Trade Value by U.S. States

Export Import

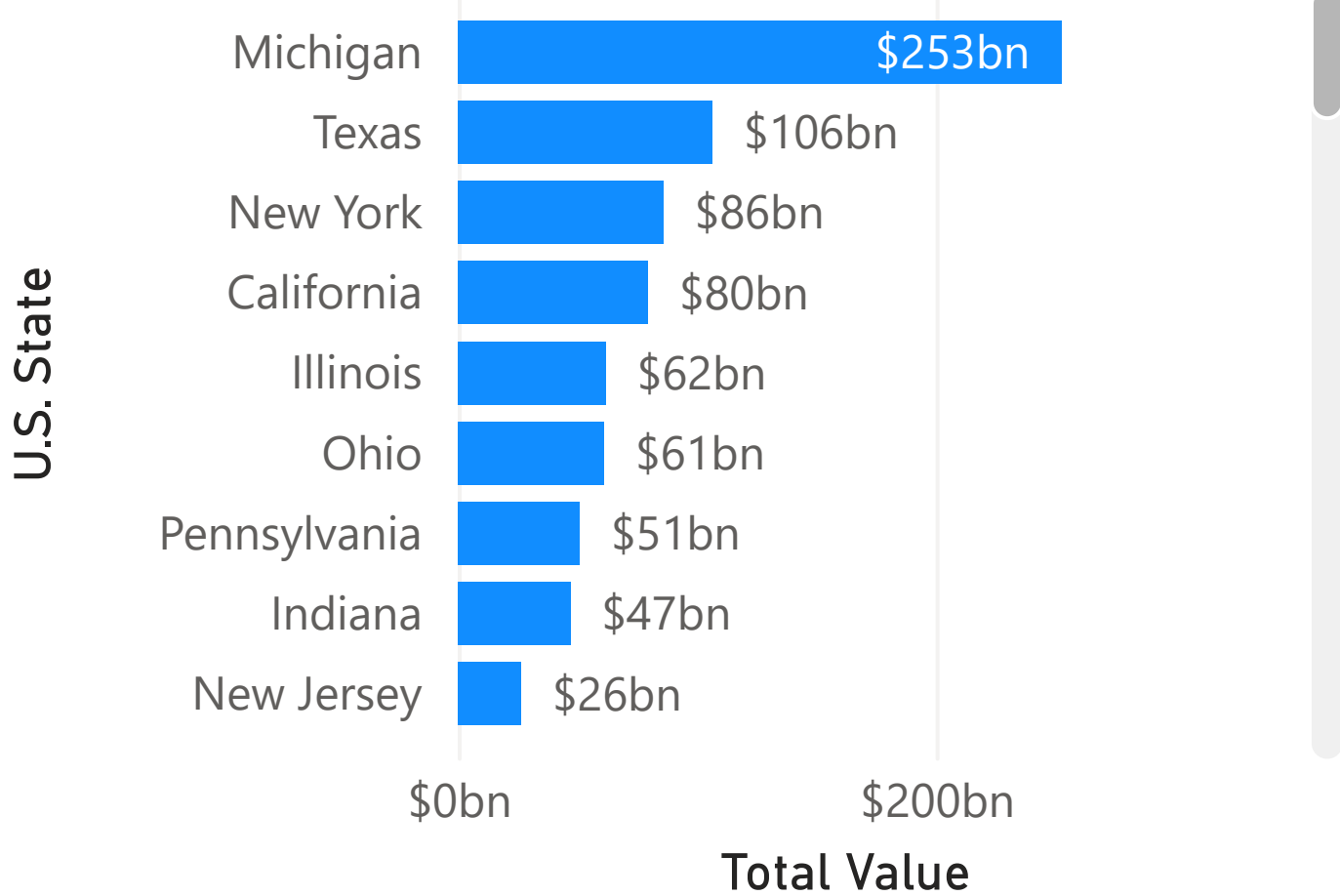


U.S. States

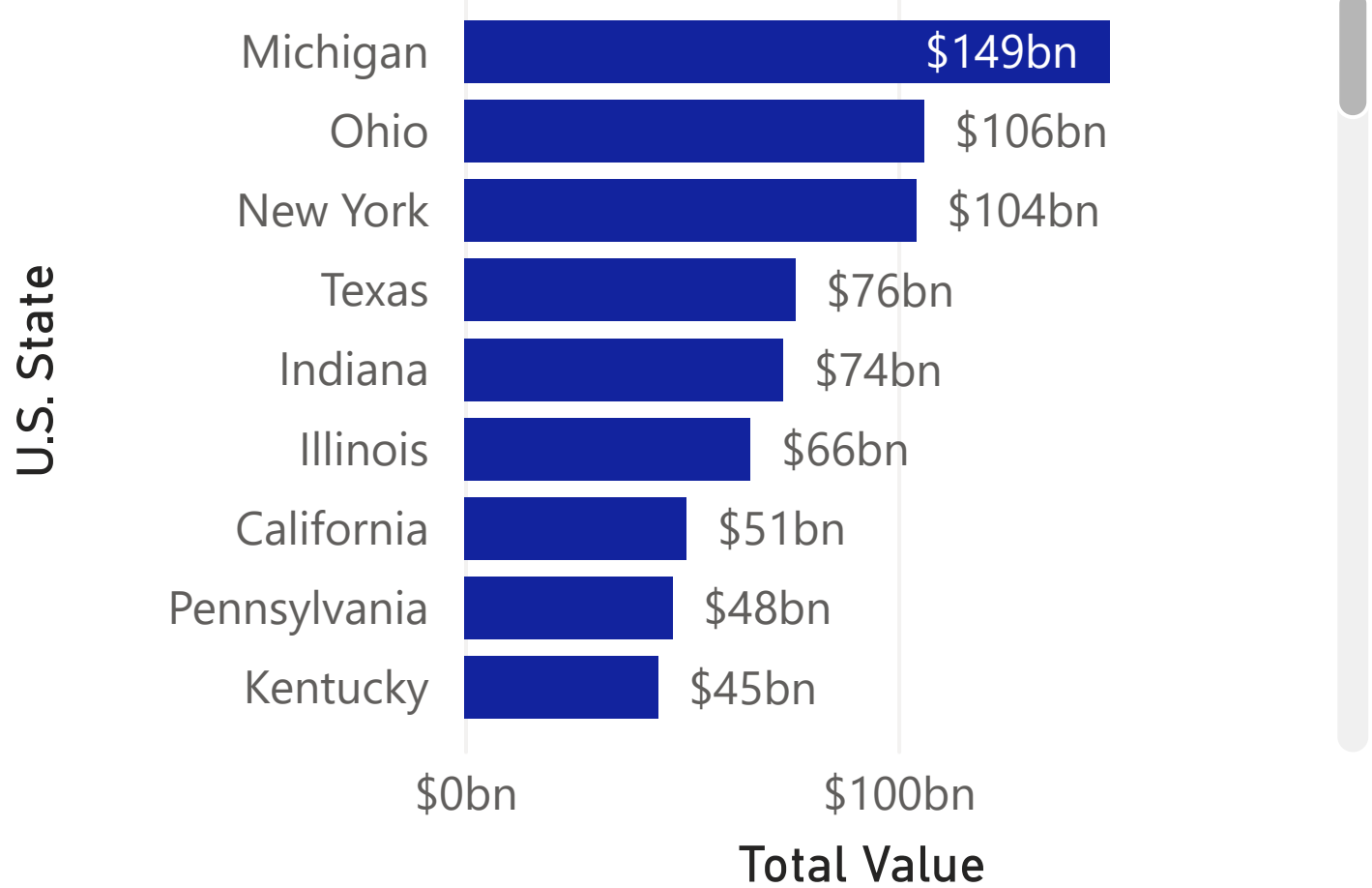
All



Total Export Value by U.S. State



Total Import Value by U.S. State



Ontario-U.S. Trade Analytics

Latest Period: August 2025

Overview

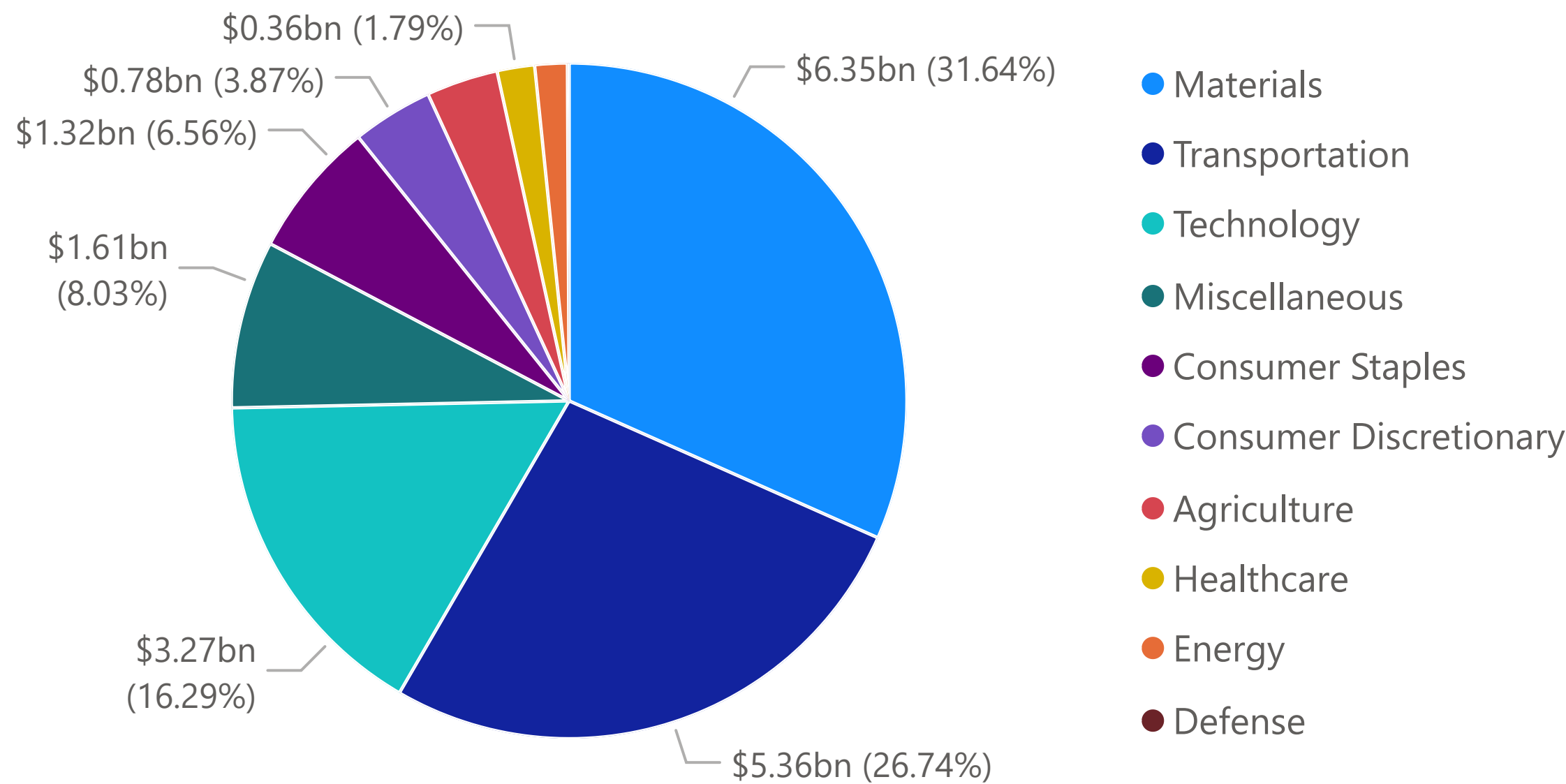
MoM Analysis

State Analysis

Commodity Analysis

Predictive Modelling

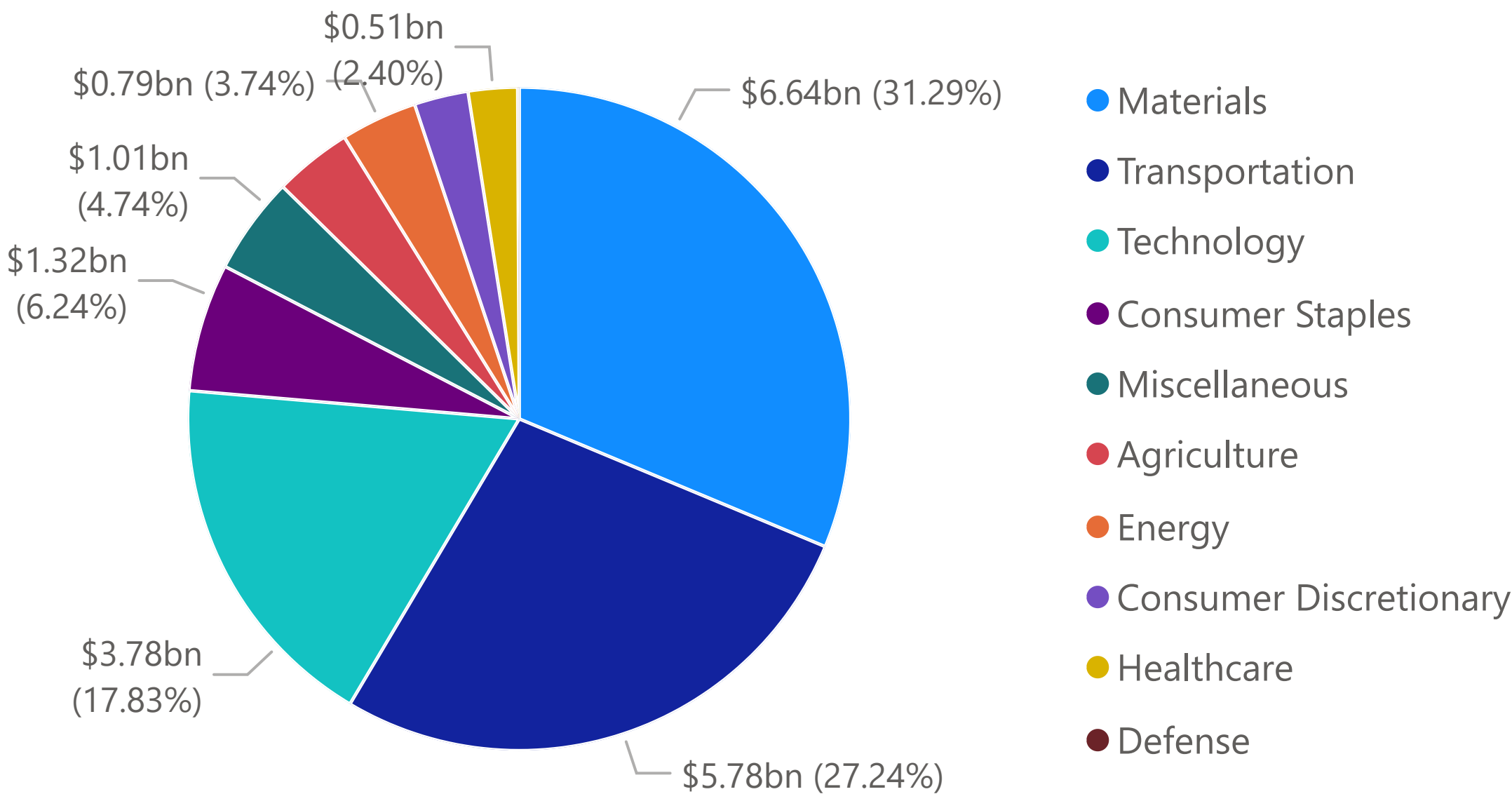
Total Export Value by Sector



Total Import Value by Sector

Period

Jun 2024



Ontario-U.S. Trade Analytics

Latest Period: August 2025

Overview

MoM Analysis

State Analysis

Commodity Analysis

Predictive Modelling

NAPCS Commodity

Aircraft and other transportation equipment and parts

ML Model

- ☒ Ensemble
- ☐ GradientBoosting
- ☐ XGBoost

Ask Data Agent

Details

ML Model Performance Metrics

Export	Ensemble	0.96	277.51	168.16	29.41
Trade Type	ML Model	R2	RMSE	MAE	MAPE
Import	Ensemble	0.97	289.59	152.47	12.39
Trade Type	ML Model	R2	RMSE	MAE	MAPE

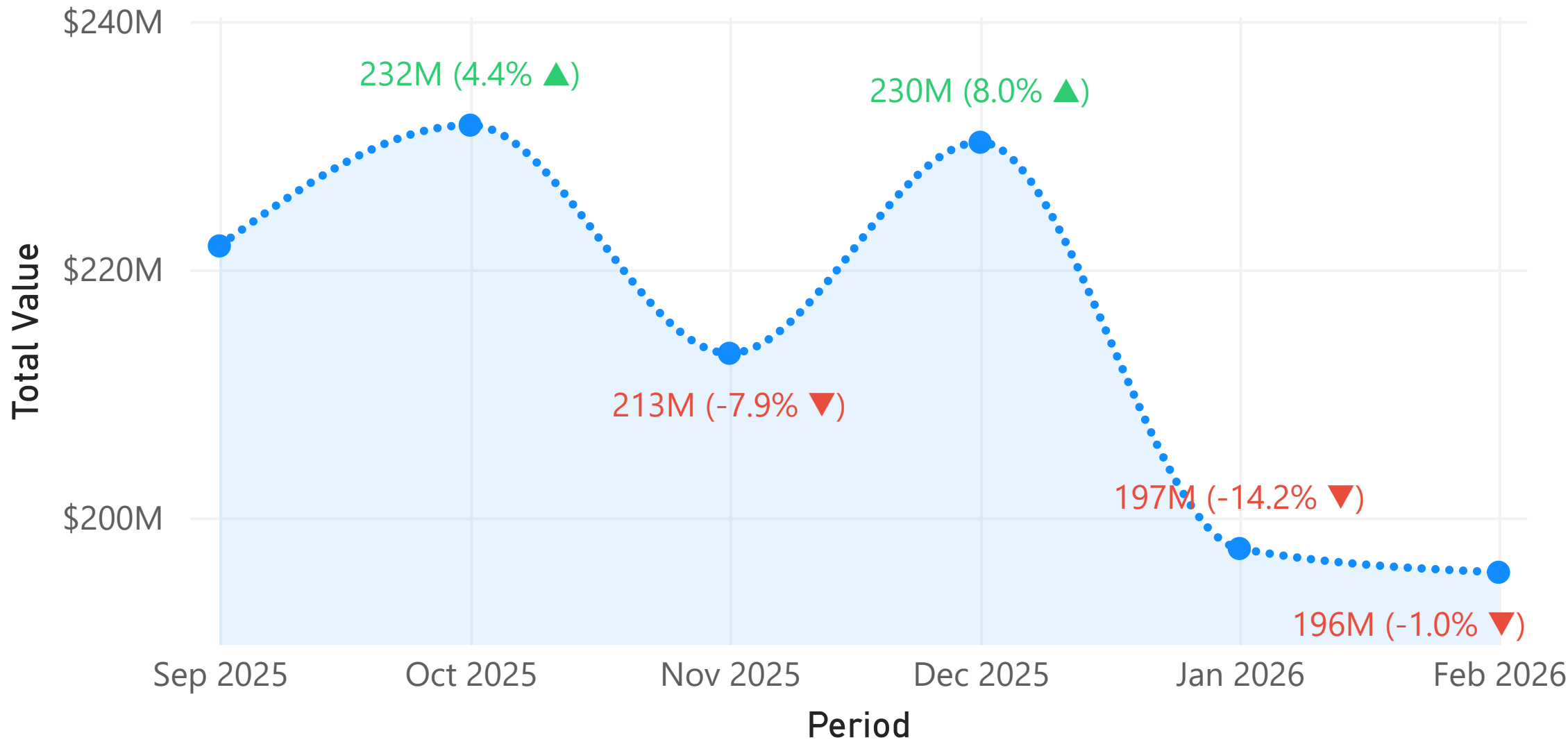
Trend and Seasonality

Anomaly Detection

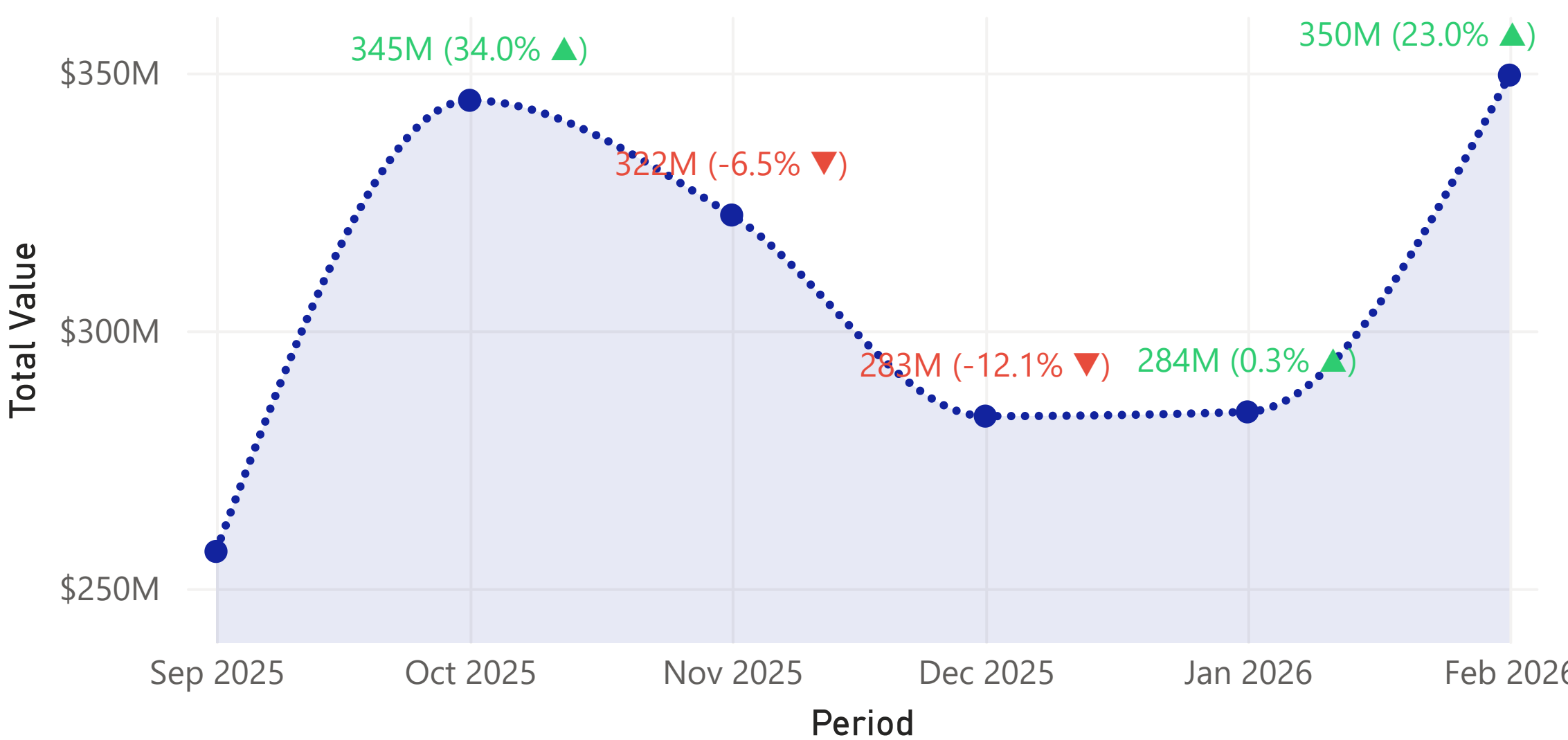
Commodity Clustering

Monte Carlo Simulation

Total Export Value Forecast



Total Import Value Forecast



Ontario-U.S. Trade Analytics

Latest Period: August 2025

Overview

MoM Analysis

State Analysis

Commodity Analysis

Predictive Modelling

NAPCS Commodity

- ☐ Aircraft and other transportation equipment and parts
- ☐ Basic and industrial chemical, plastic and rubber products
- ☐ Consumer goods

Ask Data Agent

Details

Commodity Trends and Seasonality Summary

Export	Increasing	December	November	1,810.54
Trade Type	Trend Direction	Peak Month	Bottom Month	Residual Volatility
Export	Increasing	January	April	2,432.39
Trade Type	Trend Direction	Peak Month	Bottom Month	Residual Volatility

Trend and Seasonality

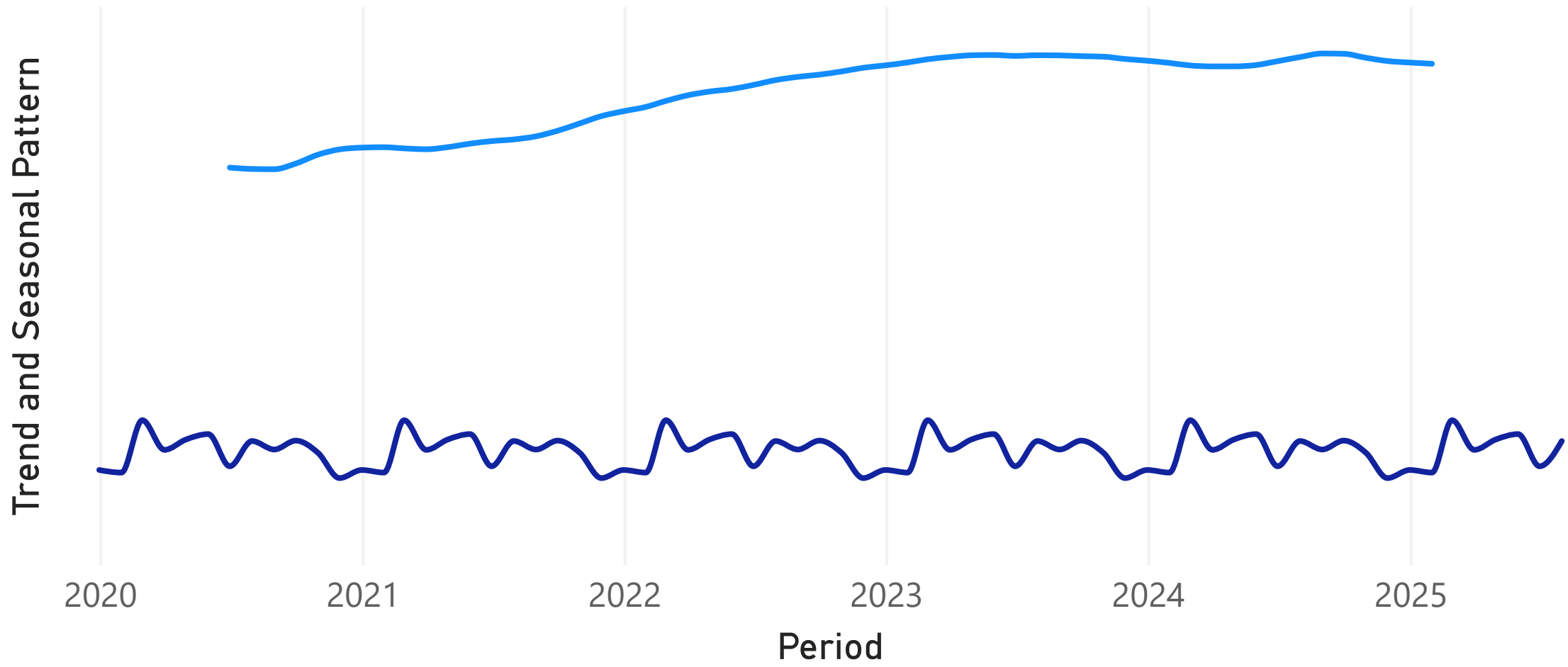
Anomaly Detection

Commodity Clustering

Monte Carlo Simulation

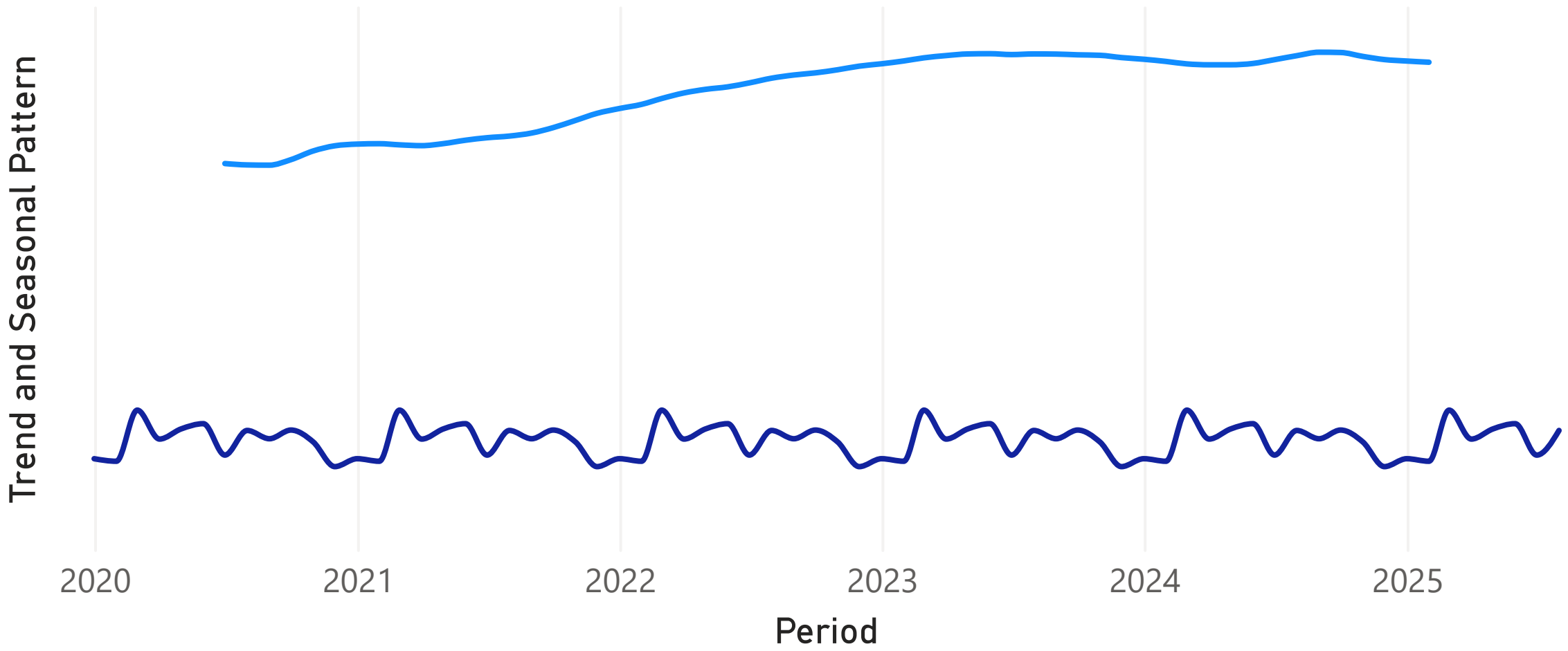
Commodity Export Trends and Seasonal Patterns

Trend Seasonal Pattern



Commodity Import Trends and Seasonal Patterns

Trend Seasonal Pattern



Ontario-U.S. Trade Analytics

Latest Period: August 2025

Overview

MoM Analysis

State Analysis

Commodity Analysis

Predictive Modelling

NAPCS Commodity

- ☐ Aircraft and other transportation equipment and parts
- ☒ Basic and industrial chemical, plastic and rubber products
- ☐ Consumer goods

Ask Data Agent

Details

Export Anomalies

Trade Type	Period
Export	April 2020

Trend and Seasonality

Anomaly Detection

Import Anomalies

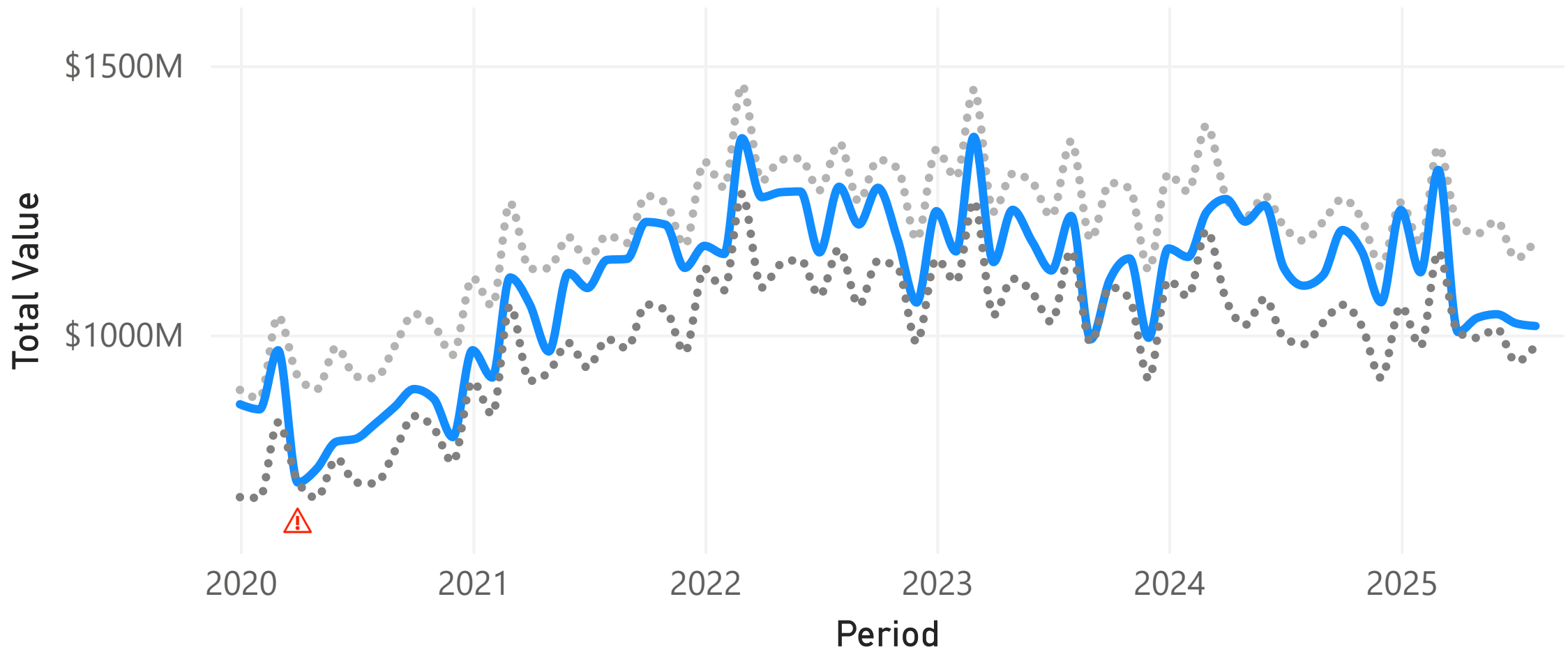
Trade Type	Period
Import	January 2020
Import	April 2020
Import	May 2020

Commodity Clustering

Monte Carlo Simulation

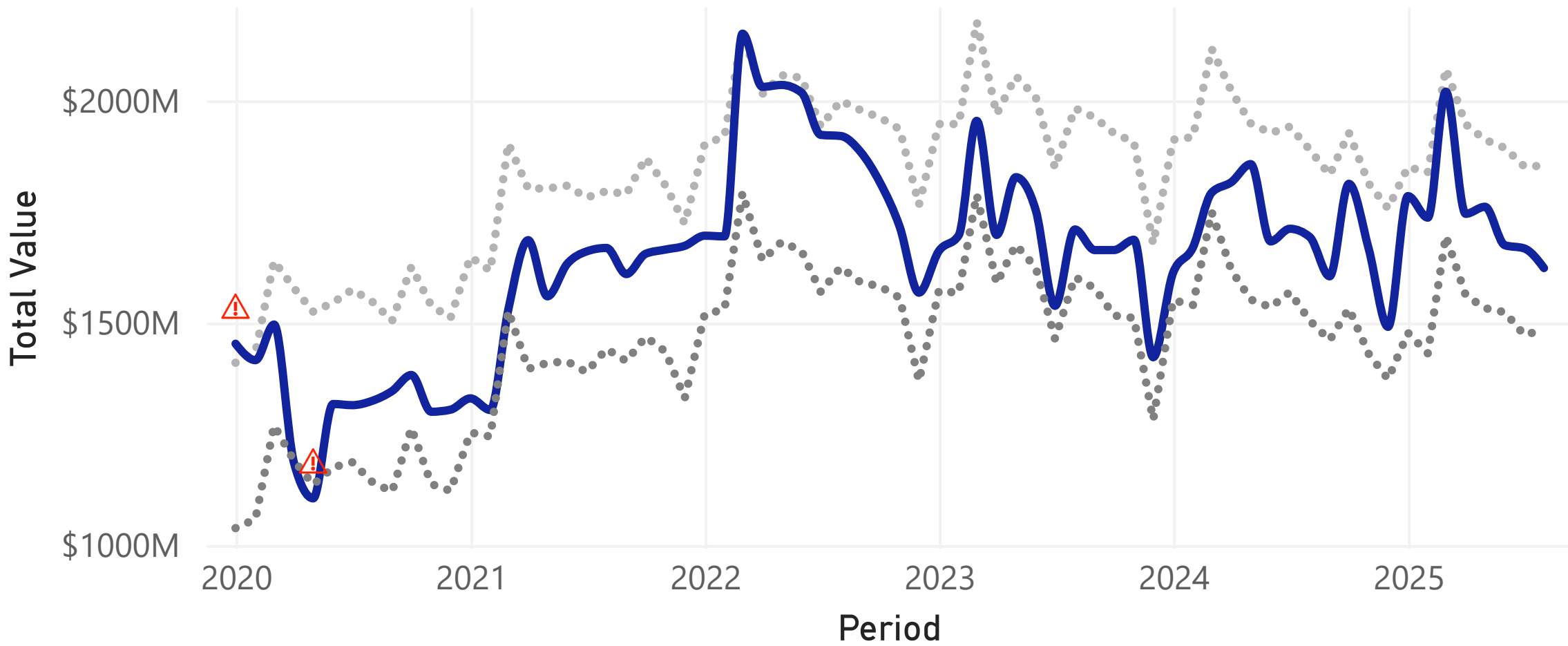
Export Anomaly Detection

● Confidence interval upper limit ● Total Value ● Confidence interval lower limit



Import Anomaly Detection

● Confidence interval upper limit ● Total Value ● Confidence interval lower limit



Ontario-U.S. Trade Analytics

Latest Period: August 2025

Overview

MoM Analysis

State Analysis

Commodity Analysis

Predictive Modelling

Export Commodity Cluster

All

Import Commodity Cluster

All

Ask Data Agent

Details

Export Cluster Commodities

Commodity

Motor vehicles and parts

Metal ores and non-metallic minerals

Metal and non-metallic mineral products

Trend and Seasonality

Anomaly Detection

Import Cluster Commodities

Commodity

Motor vehicles and parts

Metal ores and non-metallic minerals

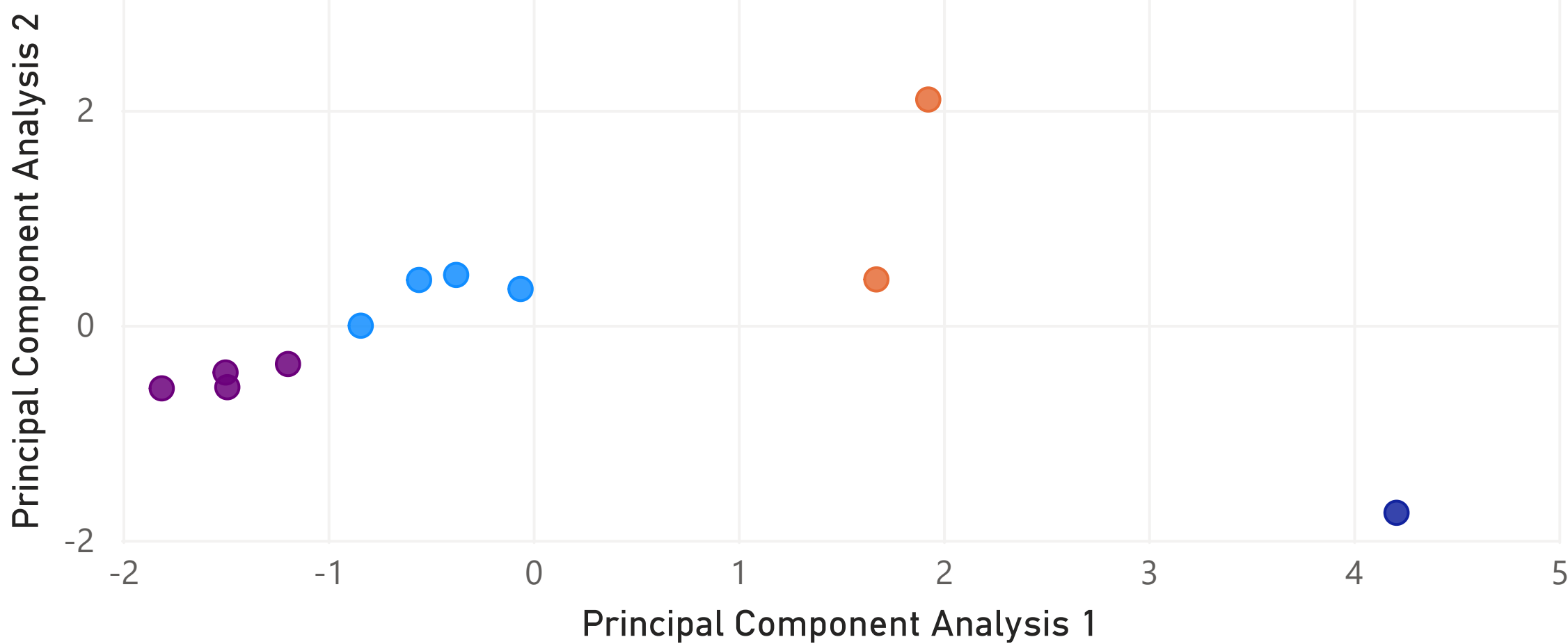
Metal and non-metallic mineral products

Commodity Clustering

Monte Carlo Simulation

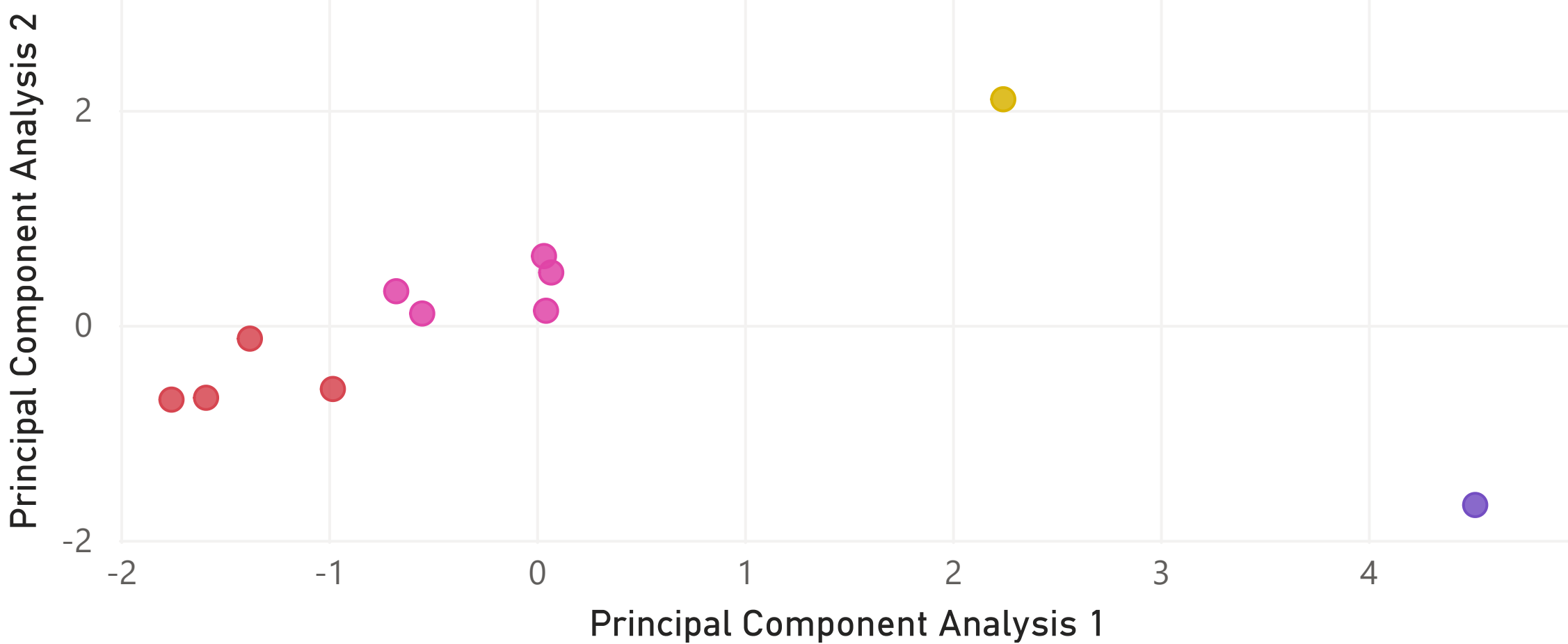
Export Commodity Clusters

Cluster 0 Export: Small, ... Cluster 1 Export: Me... Cluster 2 Export: ... Cluster 3 Exp...



Import Commodity Clusters

Cluster 0 Import: Small, s... Cluster 1 Import: Me... Cluster 2 Import: ... Cluster 3 Imp...



Ontario-U.S. Trade Analytics

Latest Period: August 2025

Overview

MoM Analysis

State Analysis

Commodity Analysis

Predictive Modelling

Tariff Percentage

10

▼

NAPCS Commodity

- ☐ Aircraft and other transportation equipment and parts
- ☐ Basic and industrial chemical, plastic and rubber products
- ☐ Consumer goods

Ask Data Agent

Details

Trend and Seasonality

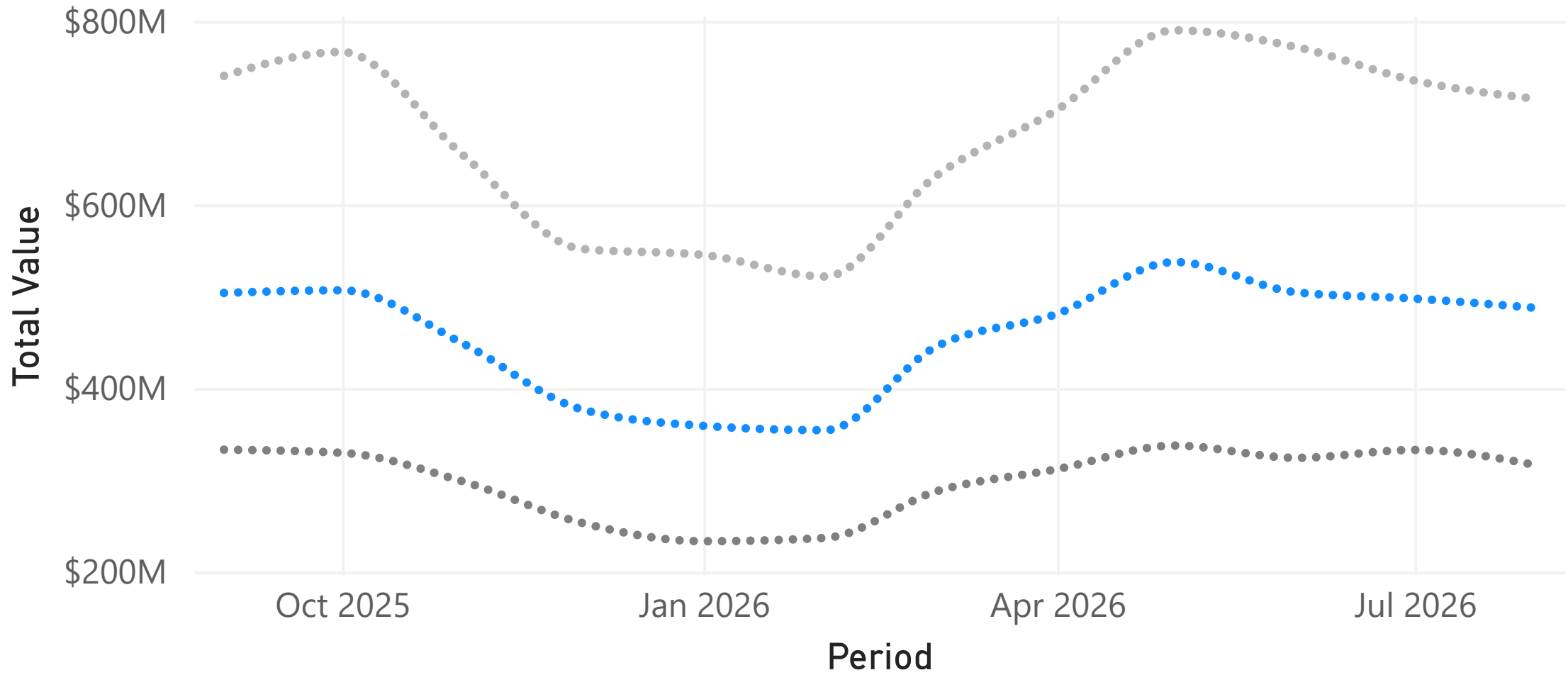
Anomaly Detection

Commodity Clustering

Monte Carlo Simulation

Impact of Tariffs on Exports

● Upper Limit 95 Percentile ● Total Value ● Lower Limit 95 Percentile



Impact of Tariffs on Imports

● Upper Limit 95 Percentile ● Total Value ● Lower Limit 95 Percentile

