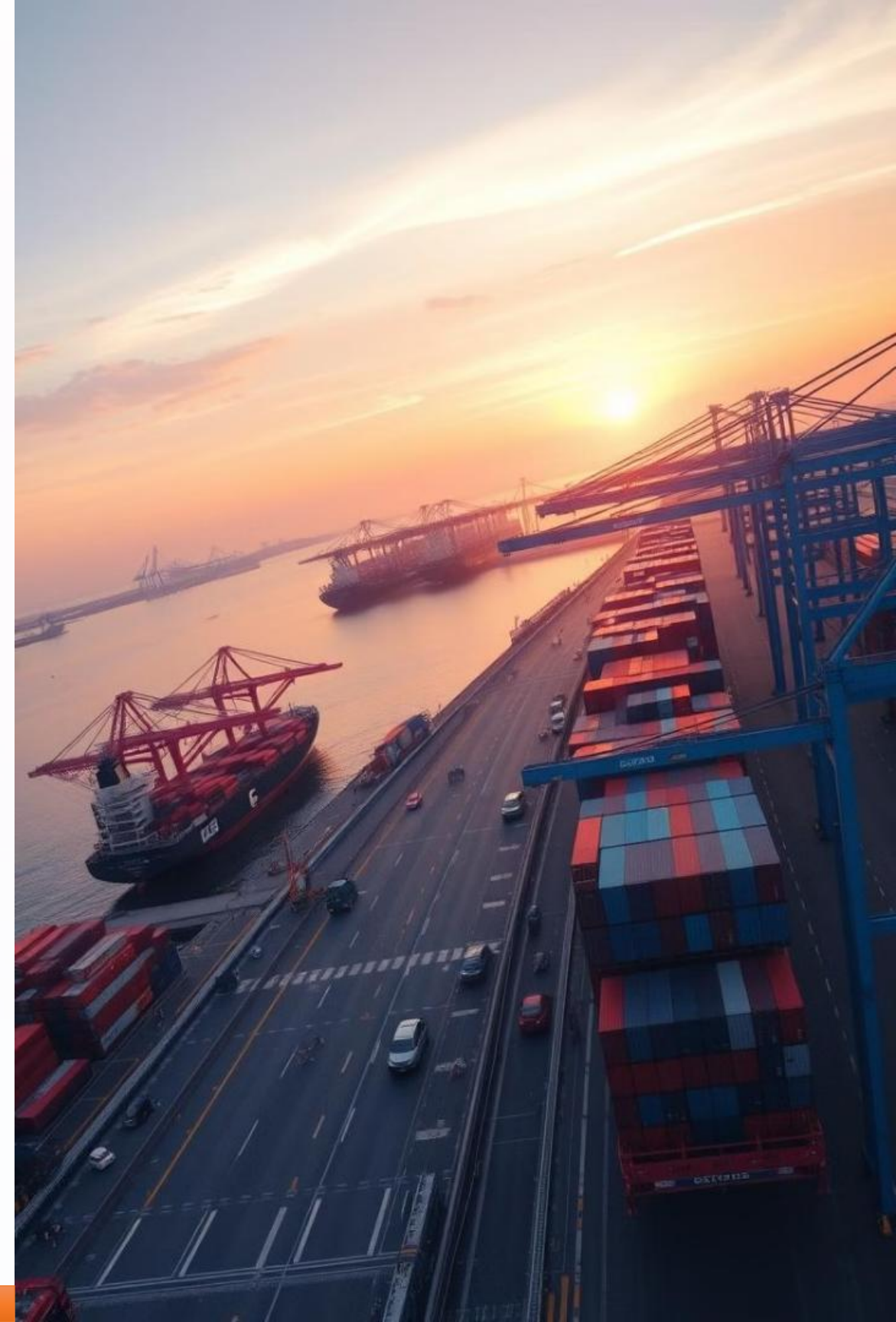


Global Trade & Supply Chain Trends (2018-2022)

How trade surplus & deficits impact supply chain strategies. A data-driven perspective using Power BI.





Why Trade Analytics Matters in Supply Chain?

1

Export-Import Trends

Optimize procurement decisions.

2

Trade Deficits

Anticipate currency volatility & logistics costs.

3

Growing Trade Hubs

Strategic supplier selection.

Top 10 Exporting Countries (2022)

China

\$3.54T in exports.

USA

\$2.07T in exports.

Germany

\$1.68T in exports.

Netherlands

\$964.8B in exports.

These countries dominate manufacturing & sourcing.



Top 10 Importing Countries (2022)



USA

\$3.37T



China

\$2.71T



Germany

\$1.58T



Netherlands

\$897.5B

High importers are major consumer markets—important for logistics planning.

Trade Surplus vs. Trade Deficit Countries

Biggest Trade Surplus Countries

- China (+\$837.9B)
- Russia (+\$315.6B)
- Saudi Arabia (+\$221.3B)

Biggest Trade Deficit Countries

- USA (-\$1.31T)
- UK (-\$290.6B)
- India (-\$267.0B)

Trade deficits can cause import dependency & supply chain risks.

Trade-to-GDP Ratio

Hong Kong

356% of GDP

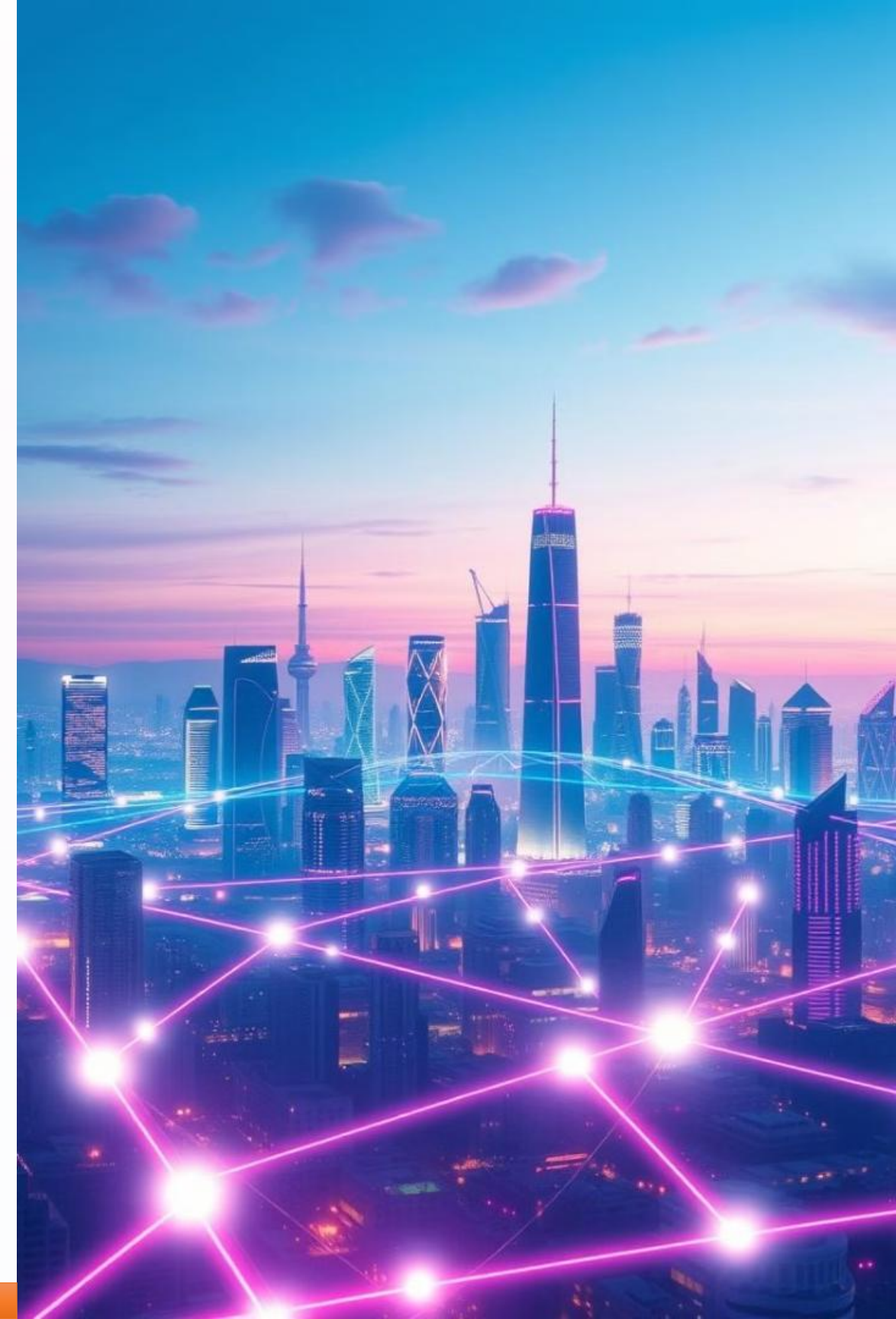
Singapore

199% of GDP

UAE

186% of GDP

High trade dependence means countries are highly integrated into global supply chains.



Supply Chain Risks from Trade Deficits

1

Supply Chain Delays

India & UK's high import reliance.

2

Trade Wars & Tariffs

USA-China trade war disruptions.

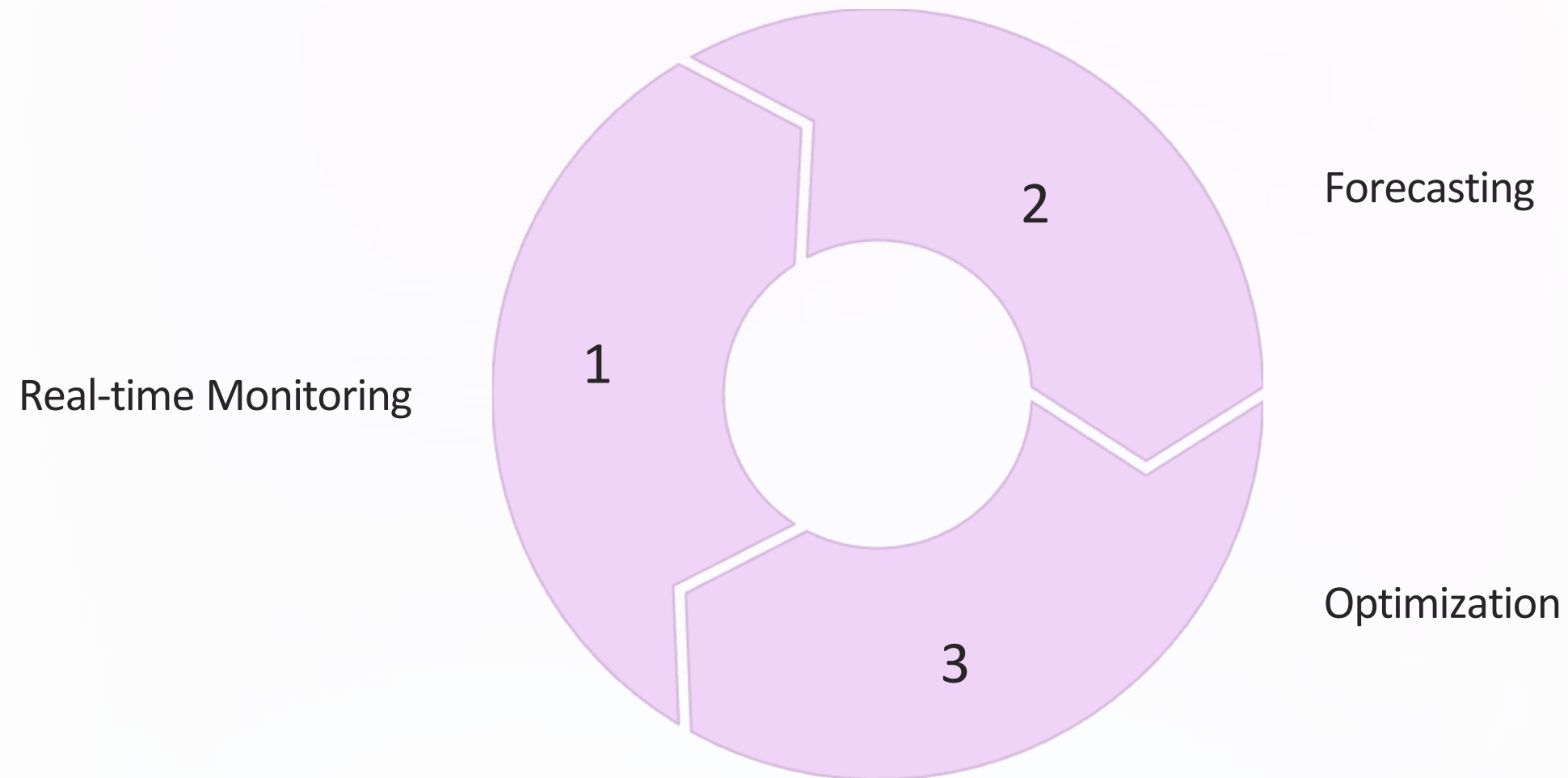
3

Logistics Cost Inflation

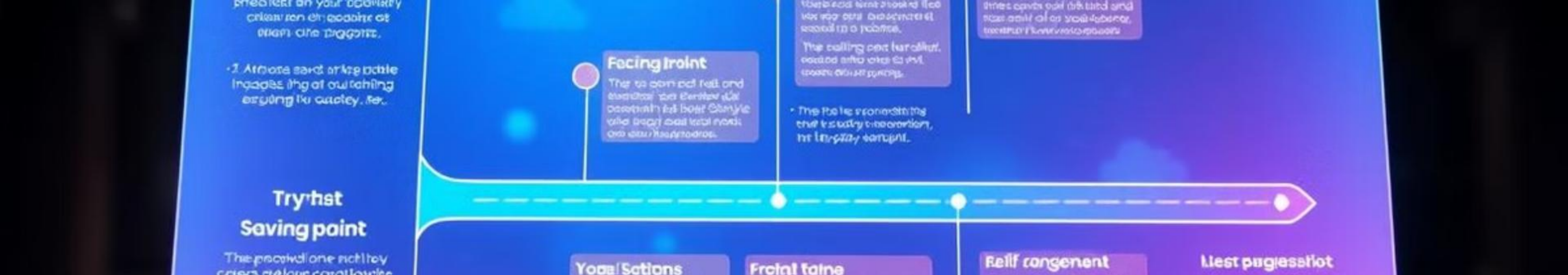
Rising import dependency strains transport costs.



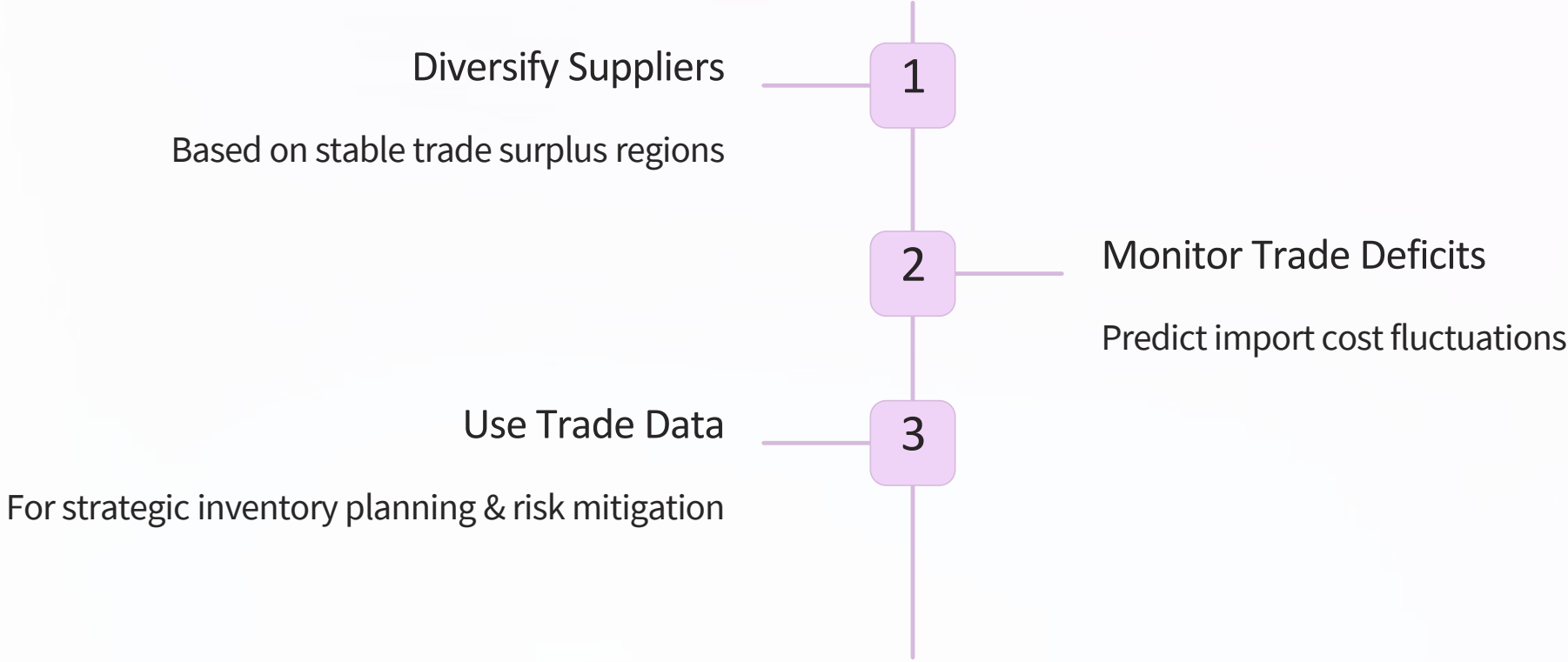
Using Power BI for Trade Analytics



Power BI dashboards enable real-time trade monitoring and identifying trade surplus & deficit regions for supply chain optimization



Actionable Strategies for Supply Chain Leaders





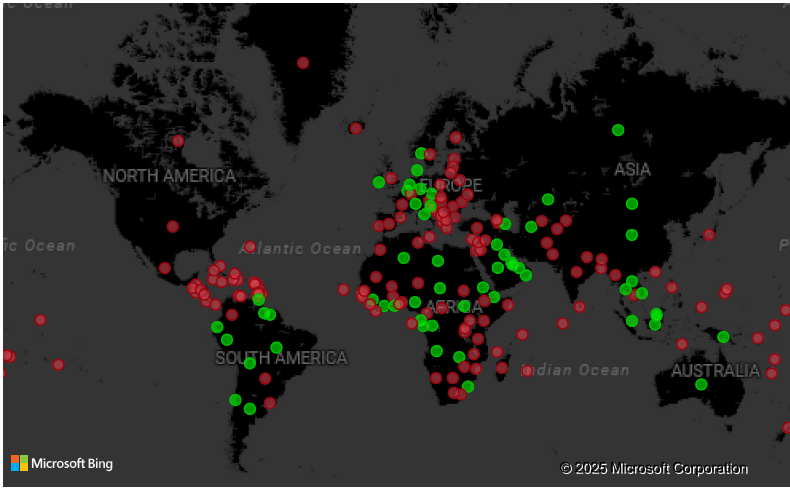
Conclusion & Open Discussion

How do you use trade data in supply chain decisions?

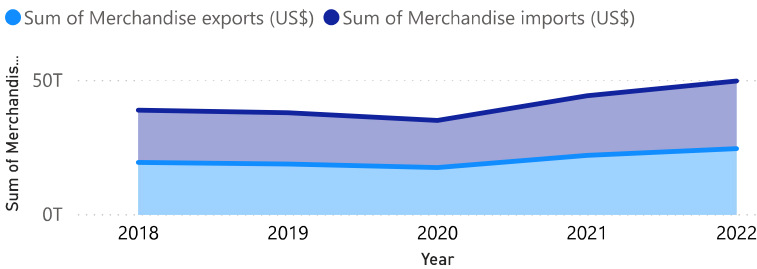
Let's discuss challenges & strategies! Connect for deeper insights!

Global Trade Insights: Analyzing Export-Import Trends

Trade_Status by Country Name



Sum of Merchandise exports (US\$) and Sum of Merchandise imports (US\$) by Year



Total Import

103.51T

Total Export

101.44T

Export Contribution %

49.50

Total Trade

204.95T

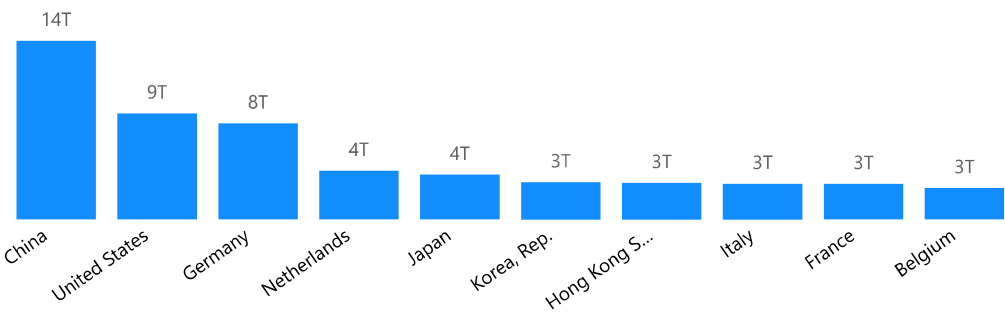
Country Name

All

Year

All

Sum of Merchandise exports (US\$) by Country Name



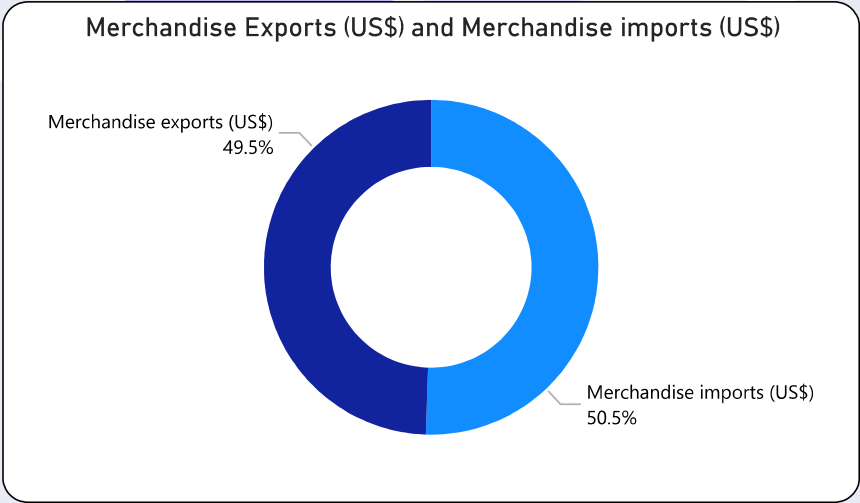
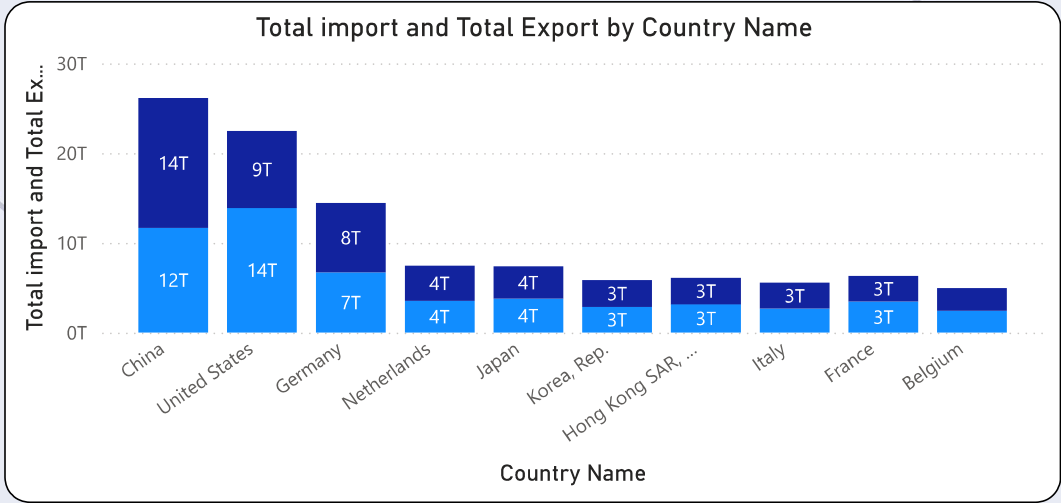
Global Trade Insights: Analyzing Export-Import Trends

Year

All

Country Name

All



Year	Sum of Merchandise exports (US\$)	Sum of Merchandise imports (US\$)	Total_Trade	Export_Contribution
2018	1,92,07,68,80,00,000.00	1,95,12,33,80,00,000.00	38720026000000.00	49.61
2019	1,86,74,59,00,00,000.00	1,90,24,23,00,00,000.00	37698820000000.00	49.54
2020	1,72,99,50,30,00,000.00	1,75,74,31,10,00,000.00	34873814000000.00	49.61
2021	2,18,49,16,50,00,000.00	2,21,86,94,80,00,000.00	44036113000000.00	49.62
2022	2,44,10,76,80,00,000.00	2,52,07,60,10,00,000.00	49618369000000.00	49.20
Total	10,14,41,71,40,00,000.00	10,35,05,42,80,00,000.00	204947142000000.00	49.50