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Group 6

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Year

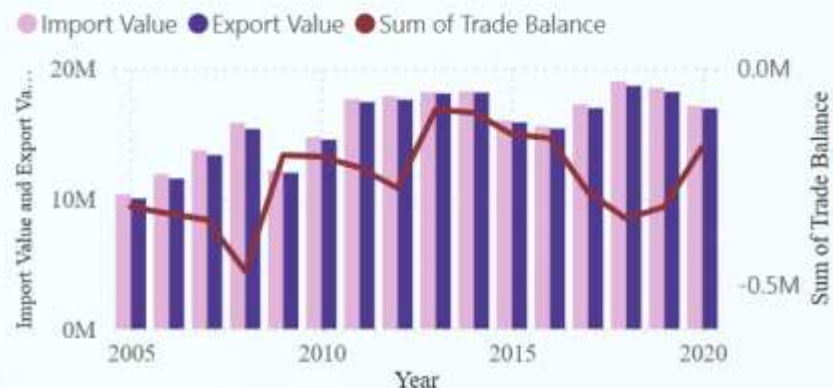
All

Country

All

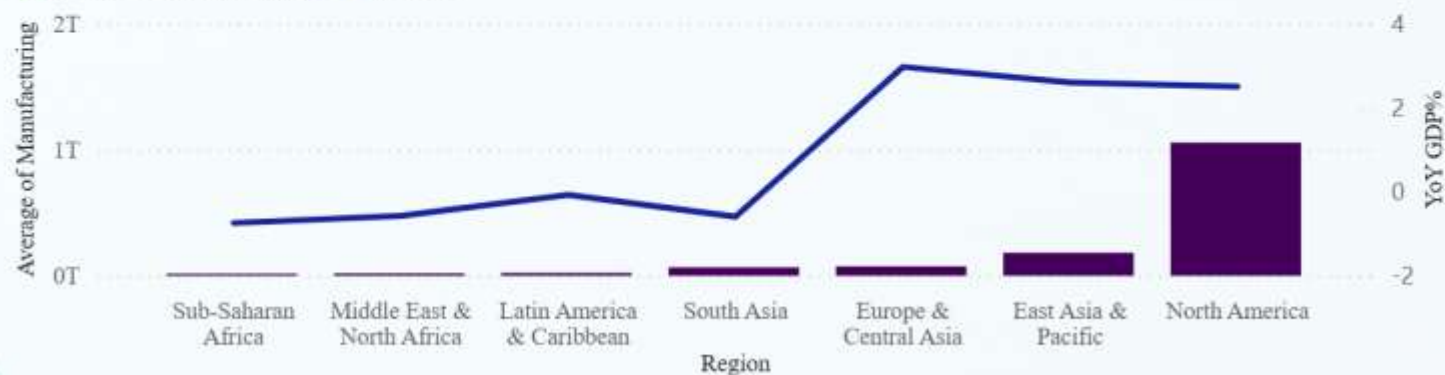
Global Exports, Imports, and Net Trade Balance

Unit : Million USD



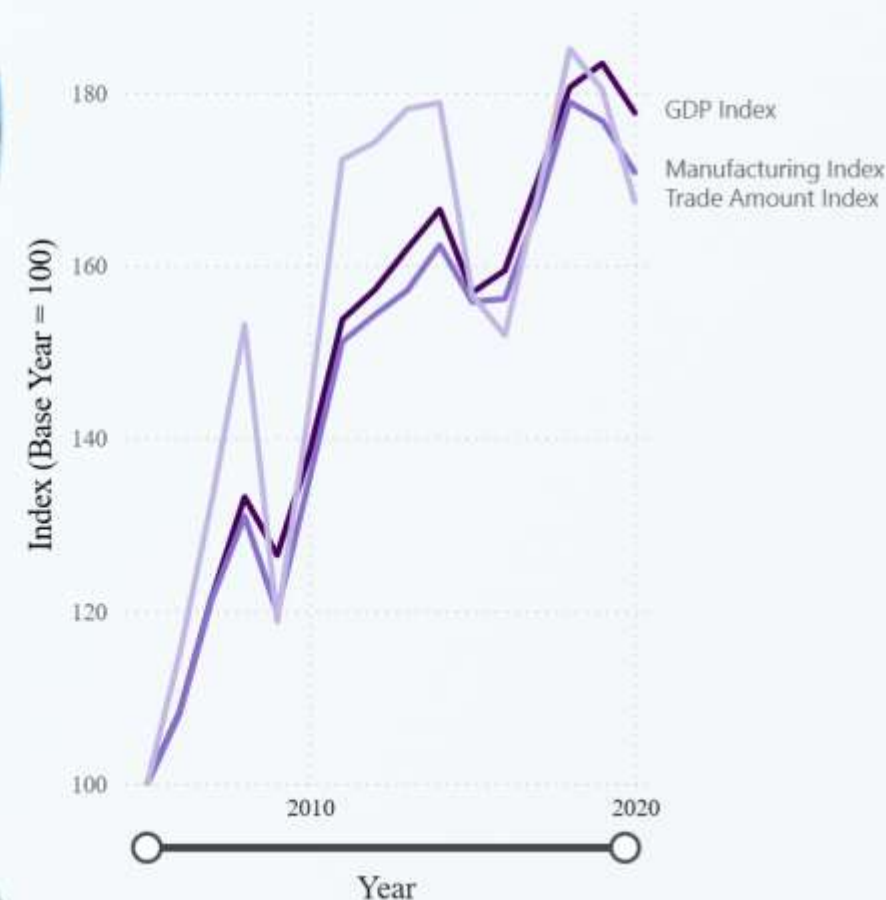
GDP vs Manufacturing Capacity

Average of Manufacturing YoY GDP%



Global Macro Index

The index shows how much each metric has grown or declined relative to the base year.



Macro Trend

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Global GDP has expanded steadily since 2005, with global trade growing in parallel but showing sharper volatility, indicating that trade is more sensitive to global shocks than overall output. Within this landscape, the **U.S** remains the dramatically dominant economy, anchoring a disproportionate share of global GDP.

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Year

All

Country

All

Top 10 Leading Economy

Average of GDP



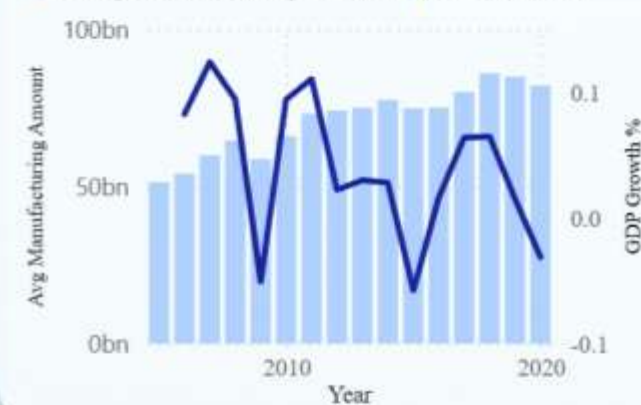
Country and Income Group

Income Group: High income, Low income, Lower middle income, Upper middle income



Manufacturing Value and GDP Growth %

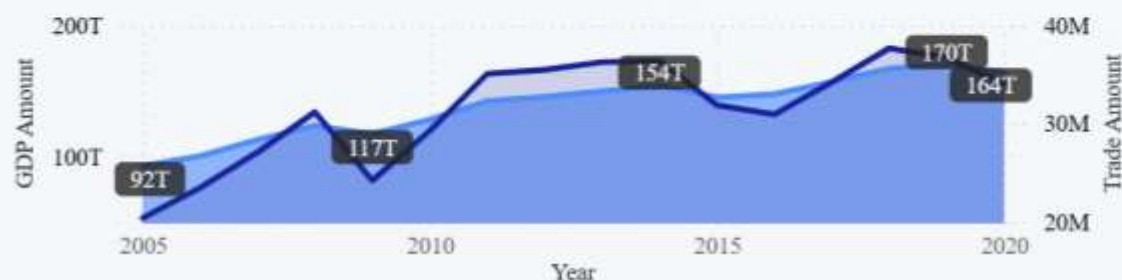
Average Manufacturing Amount, GDP Growth %



GDP Amount and Trade Amount by Year

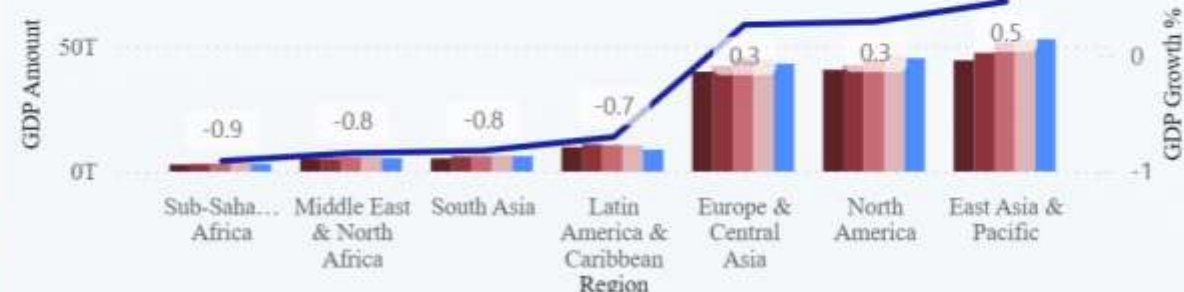
Data labels show GDP Amount (USD)

GDP Amount, Trade Amount



GDP Amount and GDP Growth % by Region and Year

Year: 2016, 2017, 2018, 2019, 2020, GDP Growth %



Manufacturing Capability

Scale \neq momentum: the top-5 producers dominate output but not manufacturing growth.

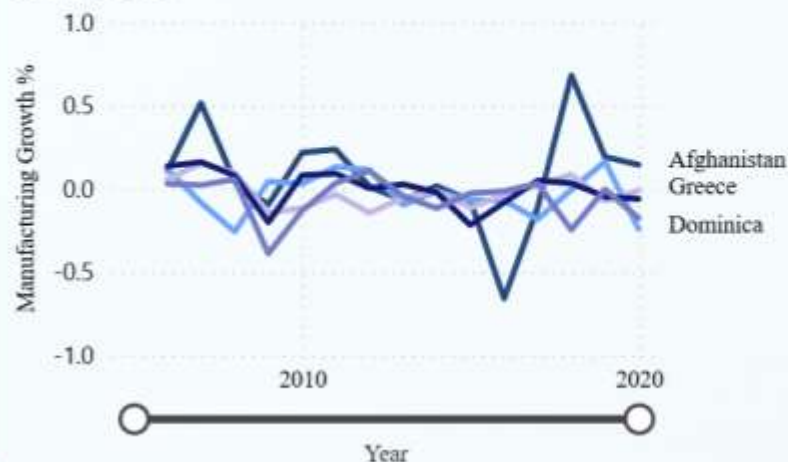
Manufacturing value generally correlates with GDP, yet **China** produces more manufacturing output than the U.S despite the U.S having a larger GDP.

349.95K

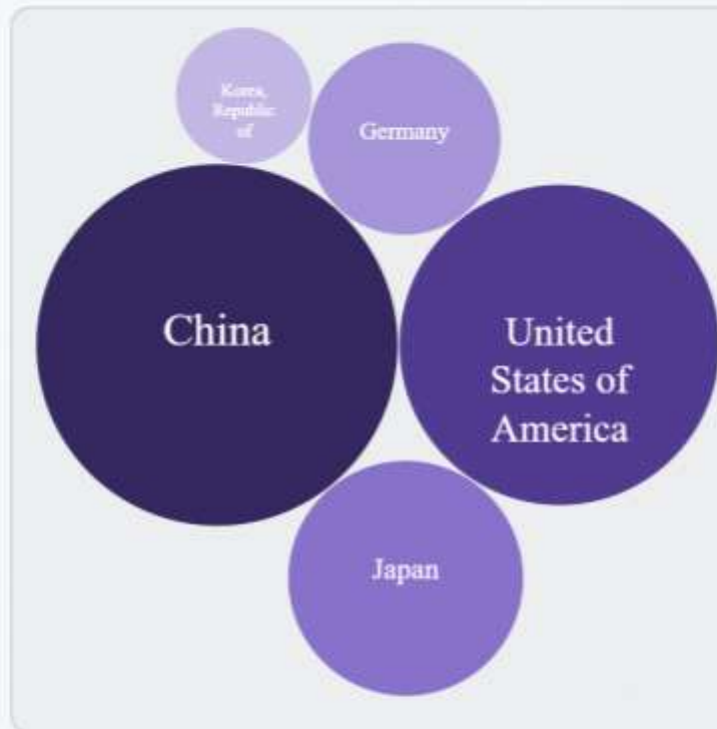
Total Manufacturing Value (Billion USD)

Top 5 Manufacturing Growth Leaders, 2005-2020

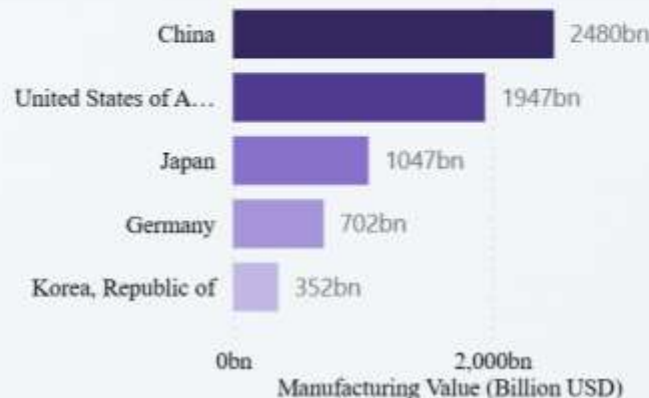
Annual YoY (%)



Top 5 Manufacturing Countries



Country



Clear Filter Year All Country All

Manufacturing Value by GDP Size (Trillion USD)



Manufacturing Value by Region (Billion USD)

Region	Manufacturing Value
East Asia & Pacific	143,430.60
Europe & Central Asia	93,491.97
North America	67,528.65
Latin America & Caribbean	21,726.96
South Asia	10,638.08
Middle East & North Africa	8,453.60
Sub-Saharan Africa	4,679.63

Trade Balance

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Trade Imbalances expose the real structure of global value creation and consumption - revealing where supply is resilient and where demand is structurally unstoppable.

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Year

All

Country

All

Priority Sourcing Market (Million USD) Top Surplus Markets

China
158,300.90

Priority Market Targets (Million USD) Top Trade Deficits

United States of America
-411,385.57

Top 10 Importing Countries

Unit: Million USD

Country Name	Average of Import
United States of America	2,207,614.74
China	1,550,297.50
Germany	1,103,912.11
Japan	696,574.44
United Kingdom	638,787.95
France	624,269.79
Netherlands	539,886.21
Hong Kong, China	496,776.48
Italy	467,515.68
Korea, Republic of	438,970.77

Top 10 Exporting Countries

Unit: Million USD

Country Name	Average of Export
China	1,866,899.29
United States of America	1,384,843.61
Germany	1,348,811.56
Japan	698,017.40
Netherlands	606,266.68
France	540,986.50
Italy	485,791.21
Korea, Republic of	482,785.76
Hong Kong, China	456,361.72
United Kingdom	453,763.40

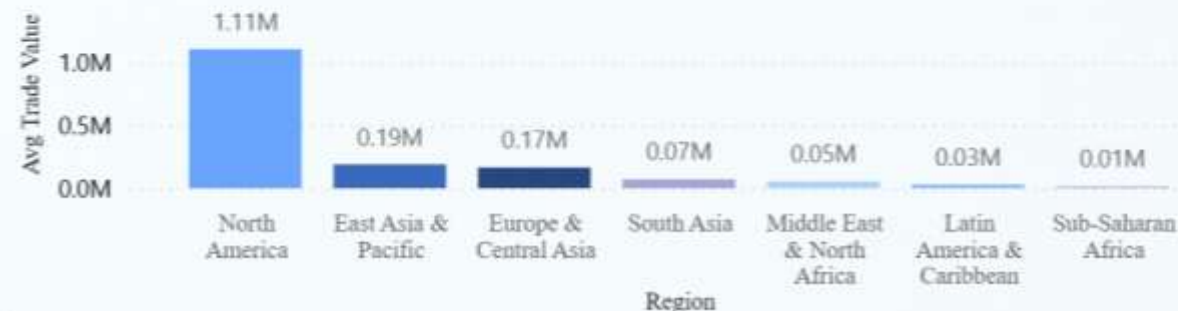
Top 10 Average Trade Balance

Unit: Million USD

Country Name	Average of Trade Balance
China	158,300.90
Germany	122,449.73
Netherlands	33,190.24
Korea, Republic of	21,907.49
Italy	9,137.77
Japan	721.48
Hong Kong, China	-20,207.38
France	-41,641.64
United Kingdom	-92,512.27
United States of America	-411,385.57

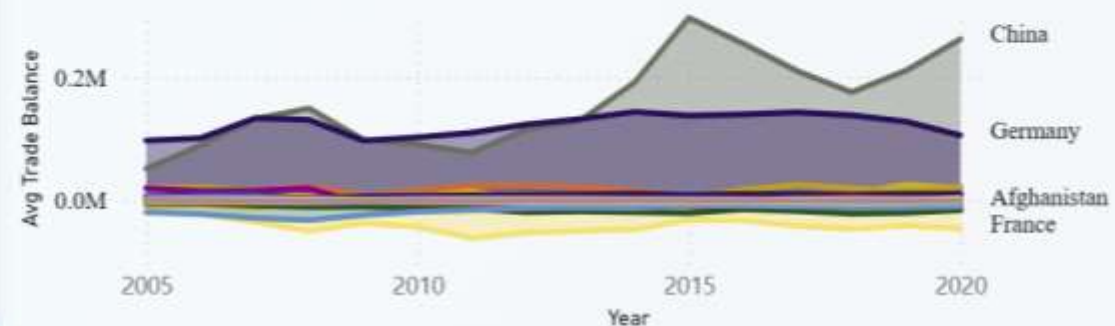
Average Trade by Region (Million USD)

Exports + Imports



Trade Balance by Country (Million USD), 2005 - 2020

Exports - Imports



Segmentation

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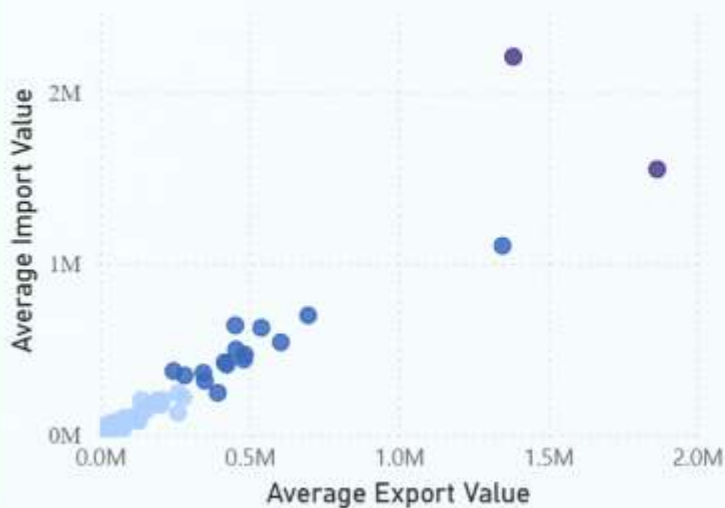
Cluster 1 - Mature markets are delivering steady, low-volatility manufacturing output.

Cluster 2 - Emerging Growth markets are the primary source of near-term capacity expansion.

Cluster 3 - Transitioning Industrial markets represent strategic supply-chain vulnerability and near-term demand opportunity.

Cluster Trade Balance Profile

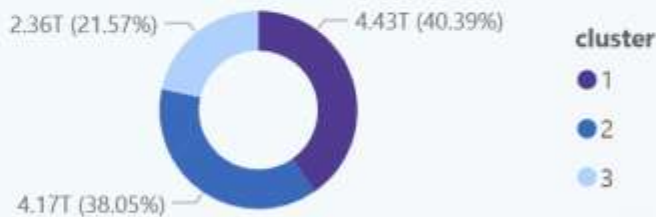
Cluster ● 1 ● 2 ● 3



Cluster Composition (Country Count)



Average Manufacturing Value by Cluster



Cluster Distribution

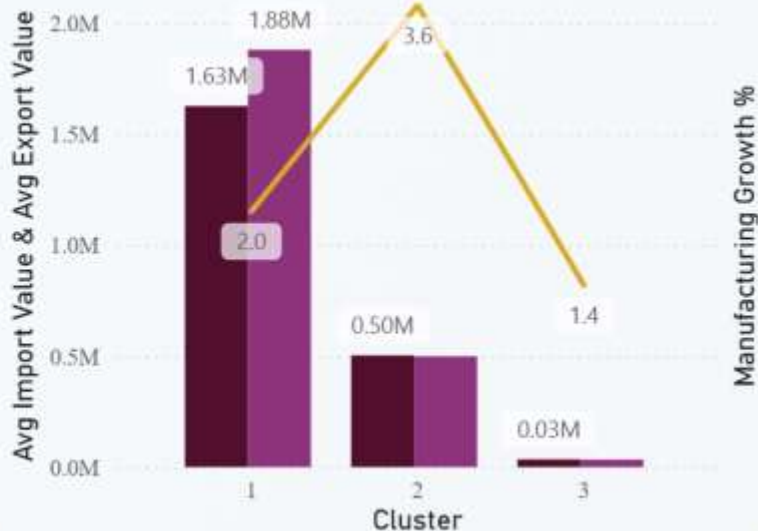
cluster ● 1 ● 2 ● 3



Trade & Manufacturing Growth

(Million USD, YoY %)

● Average Export Value ● Average Import Value ● Manufacturing Growth %





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Appendices

International_Trade. <https://stats.wto.org/inventory/en>

Manufacturing, value added (annual % growth). <https://data.worldbank.org/indicator/NV.IND.MANF.KD.ZG>

World GDP(GDP, GDP per capita, and annual growths). <https://www.kaggle.com/datasets/zgrcemta/world-gdp-gdp-gdp-per-capita-and-annual-growths>