



**WORLD TRADE REPORT 2025**

# **Making trade and AI work together to the benefit of all**

## **WTO Report on AI Impact**

Impact of AI on trades, sectors, and jobs

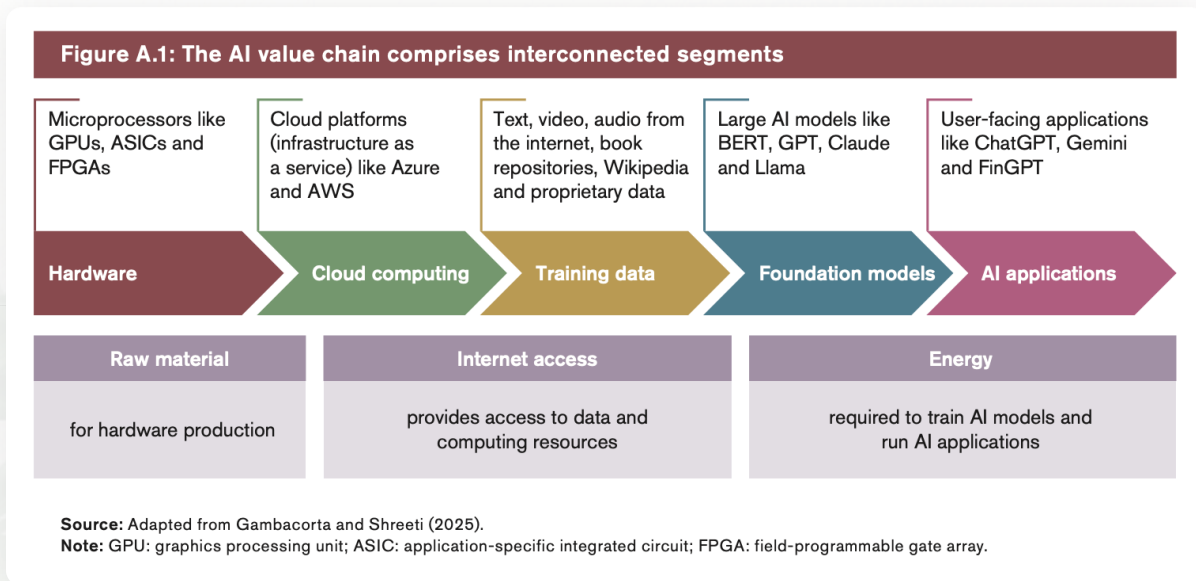
My key takeaways from World Trade Report 2025

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# AI Demand Chain

WTO identifies 5 components:



- Hardware → Cloud → Data → Models → Applications

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# Bottlenecks

**WTO says:** 3 bottlenecks throttle AI flow

- Semiconductor production
- Data
- Energy

**By 2040: electricity needs +19%,  
semiconductors & computers +40%**

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# My Take on Demand

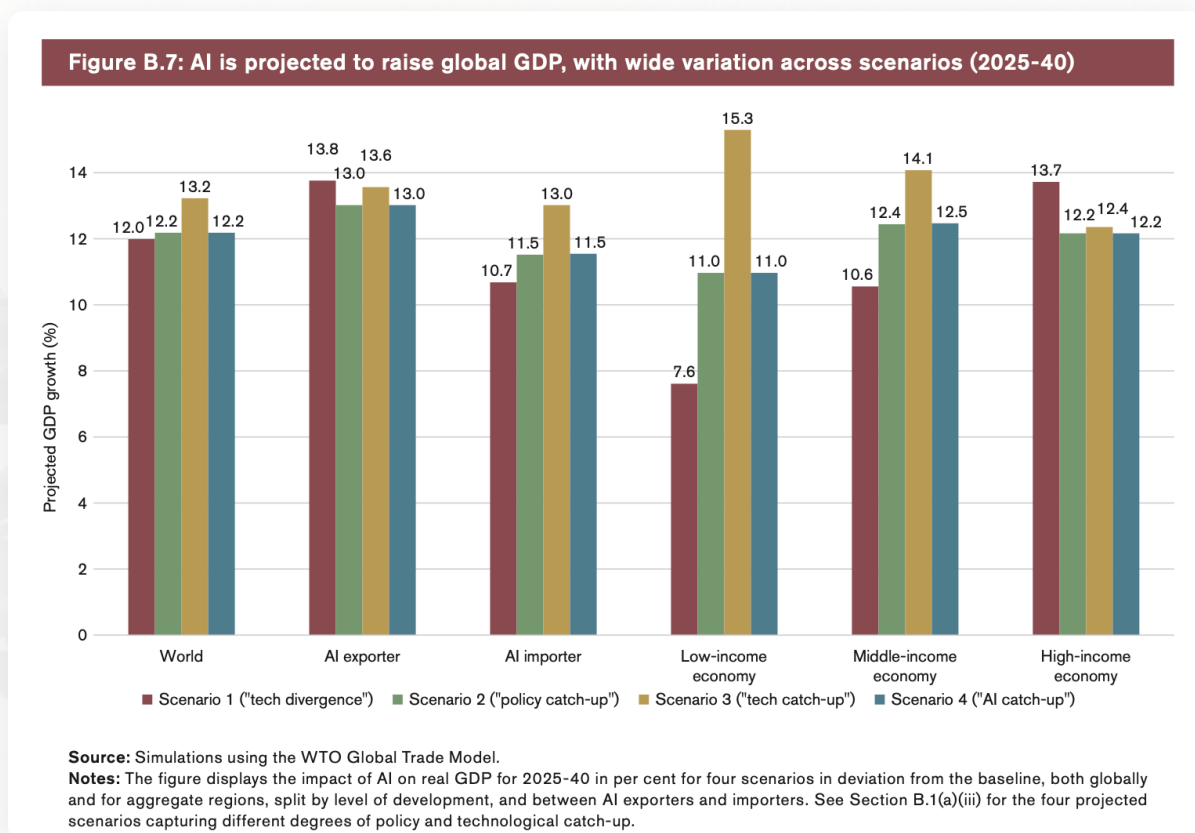
- Numbers are conservative
- AI efficiency follows Moore's law at faster pace
- More R&D investment will solve shortages
- Strong incentives drive innovation

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# Country Impact

WTO projection by 2040:



- **High-income:** GDP +13%, Trades +35%
- **Low/middle-income:** GDP +7-15%, Trades +24-36%

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# My Take on Countries

- **My bet:** Lower end of range for developing countries
- Tech spillover happens fast
- Infrastructure takes time, layer by layer
- Language barriers hamper adoption

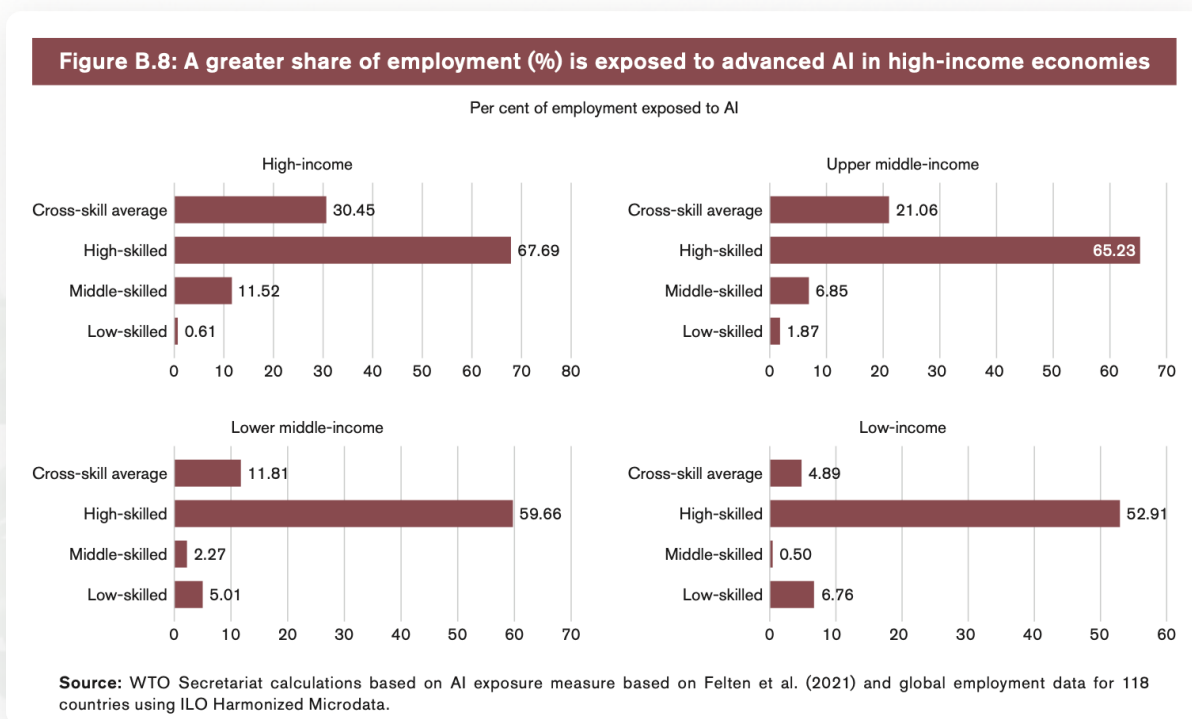
**WTO's good advice:** Invest in digital infrastructure now

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# Labor Impact

WTO data on worker exposure to AI:



- **High-income countries: 30% exposed**
- **Low-income countries: 5% exposed**
- **High-skilled workers: 68% vs 53%**

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# Labor Analysis

**WTO says:** AI replaces knowledge workers more than routine labor

- **High-skilled:** automating core abilities (data analysis, programming)
- **Low-skilled:** automating side abilities (routine manual tasks)
- Skilled labor is major bottleneck

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# My Take on Labor

- Labor-intensive work safe for now
- May change in next couple years when robotics advance

## WTO's good advice:

- Prioritize technology, engineering, mathematics education
- Equip workers with AI skills