

Measuring AI's Potential Disruptive Power

A New Tool to Measure AI's Disruptive Potential.

PHILADELPHIA, PA, UNITED STATES, February 6, 2025 /EINPresswire.com/ -- The AI revolution is not on the horizon—it's here. Millions of jobs are already at risk, automation is outpacing human adaptation, and the world is flying blind into an economic upheaval unlike anything since the Industrial Revolution. To quantify the chaos, [TechShock.ai](https://www.techshock.ai) has developed the Technological Shock Index (TSI) - the first metric designed to measure just how hard and fast AI-driven automation will hit specific industries, regions, and economies. The TSI score operates like a "Richter scale for workforce disruption," providing a precise, no-BS measurement of when and where jobs will vanish—and whether new ones will emerge fast enough to replace them.



Balancing the coming AI transition

AI's Labor Market Shockwave: How Bad Could It Get?

Using real-world economic models, the TSI calculates risk based on:



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Jay Niblick

- Job Displacement (X): The percentage of jobs expected to disappear due to AI/automation.
- Job Creation or Transformation (Z): New roles that may counterbalance these losses.
- Timeline (Y): The number of years over which these shifts unfold.

The formula: $TSI = (X - Z) / Y$

Interpreting the TSI Score:

- TSI 0-1: Gradual Evolution – Technology enhances productivity without causing major

workforce disruption.

- TSI 1-2: Noticeable Disruption – Some industries experience pressure, but adaptation is possible with reskilling.
- TSI 2-3: High Disruption – Entire sectors face workforce reductions, requiring large-scale retraining and economic shifts.
- TSI 3-4: Severe Disruption – Structural economic strain emerges, forcing governments and businesses into crisis management.
- TSI 4-5: Critical Shock – Automation outpaces human adaptation entirely, leading to mass unemployment and potential societal upheaval.

AI Is Moving Faster Than Anyone Expected - and We're Not Ready! Industries like customer service, finance, logistics, and even white-collar professions are already seeing double-digit job displacement rates while governments and corporations scramble to respond. "The AI explosion is happening NOW, but policymakers are still debating how significant it really is," said Jay Niblick, creator of TechShock.ai (<https://techshock.ai/>). "The TSI takes the guesswork out of the conversation - showing, in black and white, how bad the disruption will get and how fast," continued Niblick.

Why the TSI Matters NOW

- For Governments: Use TSI data to predict labor market collapses and craft policies to prevent economic freefall.
- For Businesses: Identify if your industry is in danger and develop strategies before AI makes entire job sectors obsolete.
- For Workers: See whether your career is safe—or if you need to pivot before it's too late.

The Future of Work is Changing at an Unprecedented Pace – The TSI puts real numbers to the risk. TechShock.ai is pushing for the TSI to be integrated into mainstream economic analysis, policy debates, and corporate planning—before it's too late.

Journalists, analysts, and industry experts can access full TSI scores briefings and real-time workforce risk assessments at <https://techshock.ai/>.

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