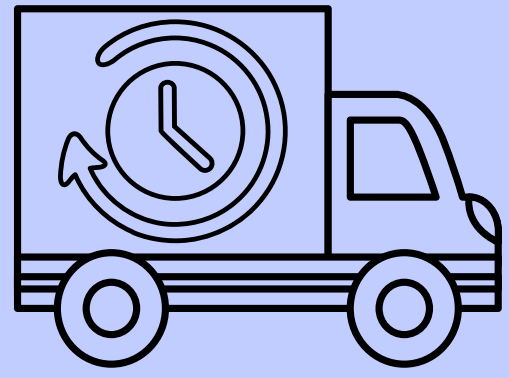


Artificial Intelligence in Supply Chain Resilience

A systematic review

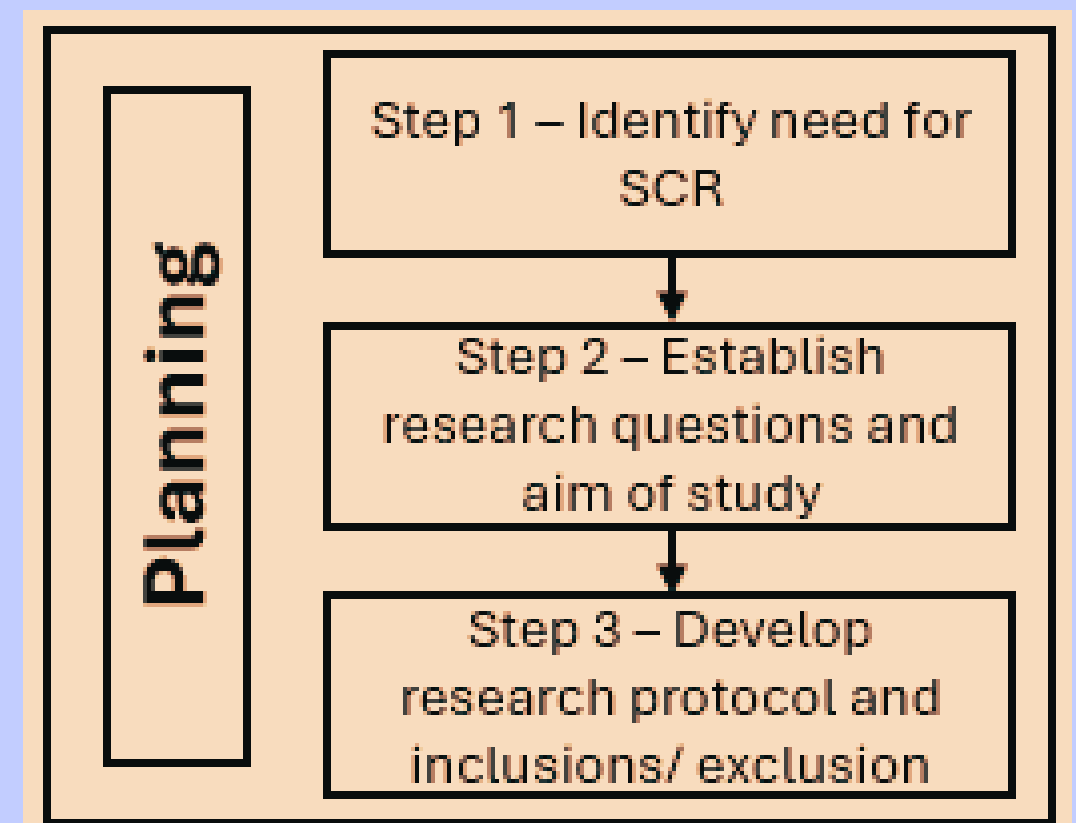
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Gustavson School of Business
Created July 10th, 2025



Why AI in supply chain resilience matters

Artificial intelligence continues to be applied with the aim of enhancing supply chain resilience, especially in response to global disruptions. A systematic literature review was conducted to understand how AI technologies are currently being used, identify common methodologies, and highlight gaps in the literature.

Step 1-3 for the Systematic Literature Review



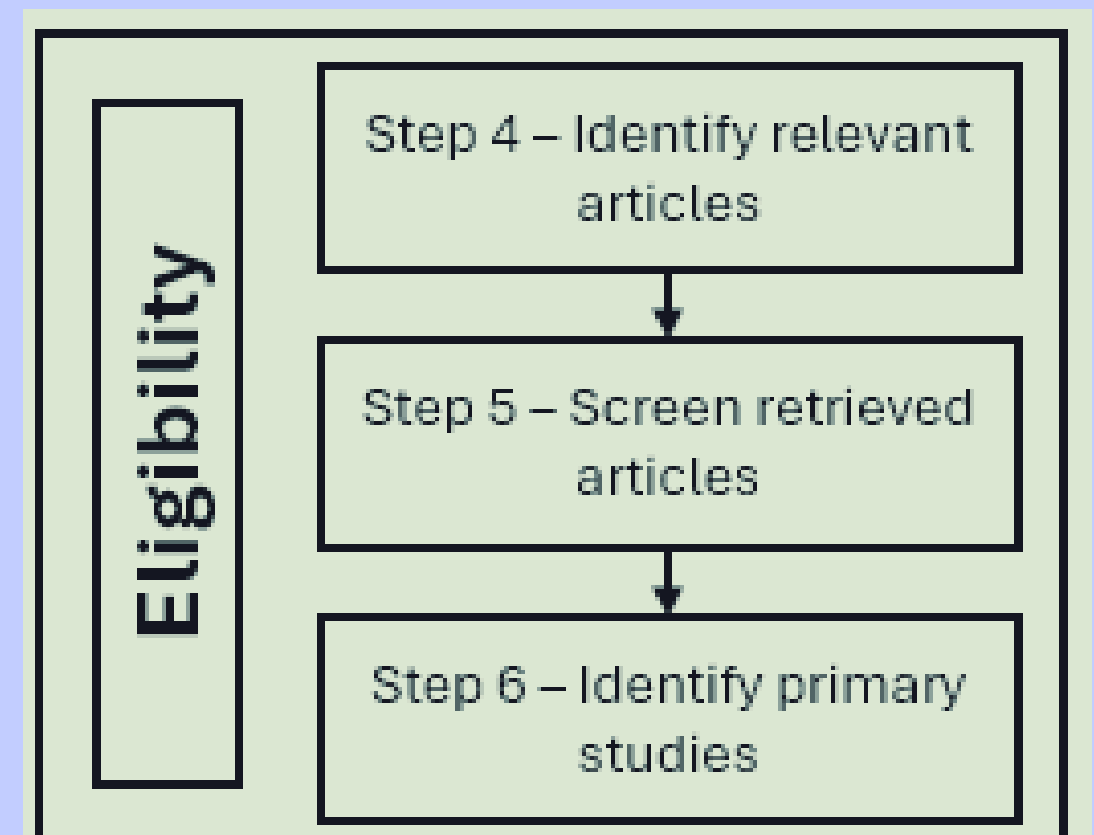
How we conducted the review

Covidence was chosen as the best tool for screening as it:

- Saves time and simplifies the screening process
- Supports collaborative screening between multiple reviewers
- Automatically tracks decisions, ensuring transparency and replicability
- Keeps the review process structured and reliable, which is important for producing high-quality academic work.



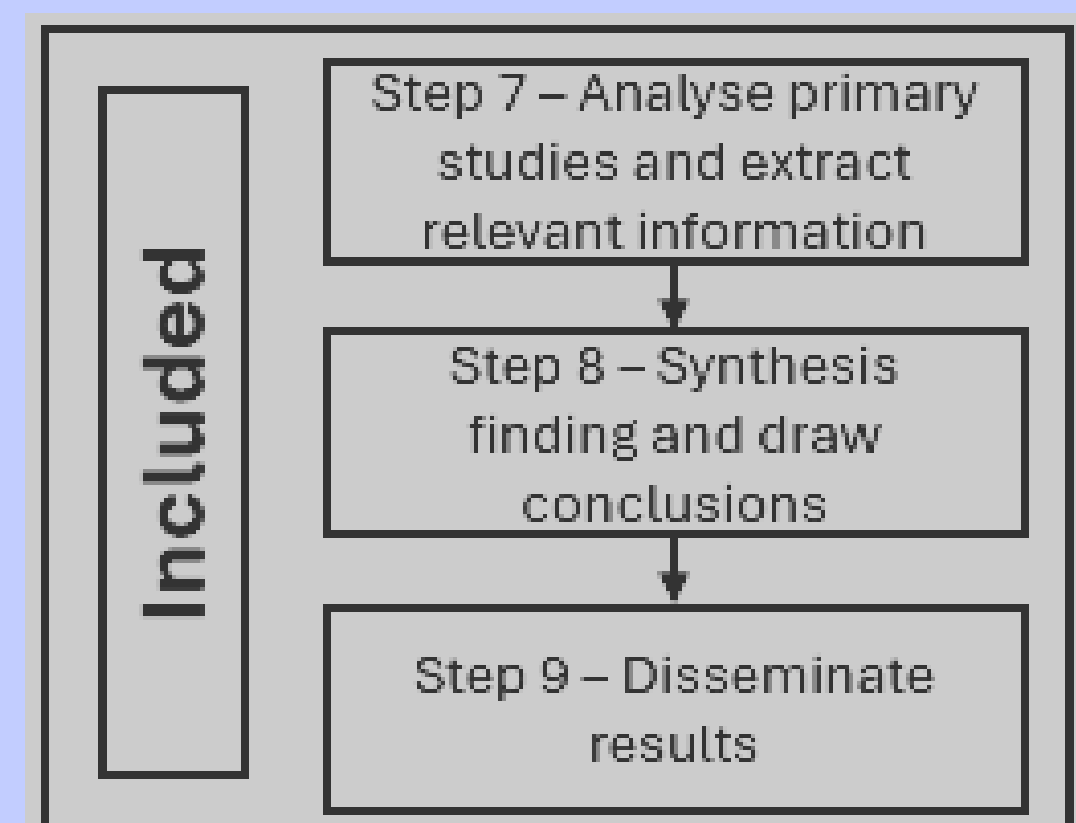
Step 4-7 for the Systematic Literature Review



Next steps

Now that the data is collected and categorized, the next step is to begin writing the full literature review. This will involve further exploring common themes, trends, and research gaps across AI methodologies and supply chain applications and then presenting them in a comprehensive review. Ultimately, the goal of this next step is to turn the collected data into meaningful insights that contribute to the broader conversation around AI and supply chain resilience.

Step 7-9 for the Systematic Literature Review



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