

#048 : The Role of AI in Supply Chains

Post COVID

The current crisis is unprecedented, and it is pushing organizations to adopt new strategies: to make their supply chains more resilient, responsive, flexible and efficient. While these characteristics look appealing, achieving all of them at once is tough.

The good news is, AI can help.

What to Expect in Supply Chains Post COVID?



A push towards sustainability



Rapid capability building



Risk management in a dedicated manner



Increased localization



More agile strategies and behaviors

A Bit in Detail



A push towards sustainability

A lower level industrial activities (and activities in general) has resulted in a lower pollution level. While there might be an awareness towards highly polluting activities, AI can be instrumental in reducing the transportation distances (there by reducing pollution), lowering inventory wastages and storage costs (associated electricity and greenhouse gas emissions).



Rapid capability building

Now the customer behavior has changed. And each such event is expected to further change that. For example, more customer will now opt for online purchase and it will lead to a boost in omni-channel retailing. Here too, AI comes into picture as a way of forecasting demands across various channels, and smoothly and efficiently executing the deliveries.



Risk management in a dedicated manner

Previously unrecognized risks are now real. AI has been tested in theory to have better capabilities to detect future risks and generate associated plans.



Increased localization

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More agile strategies and behaviors

The need of rapid deployment of resources during this pandemic has made agility of the prime requirements. It is one of the prime driving factor of using AI as it enables organizations to respond quickly to uncertainty.