



Supply Chain Risk Management

Digitaligence@work



Business-friendly Solutions

Even the best supply chain designs perform sub optimally – Why?

Variations, disruptions and incorrect decisions under uncertainty

Supply chain reliability and variation

- Demand variation
- Transportation lead time variation
- Production output variation
- Supplier delays
- Quality issues

Supply chain disruptions

- Bad weather
- Road closure
- Factory/line closure
- Unplanned holidays
- Political crisis

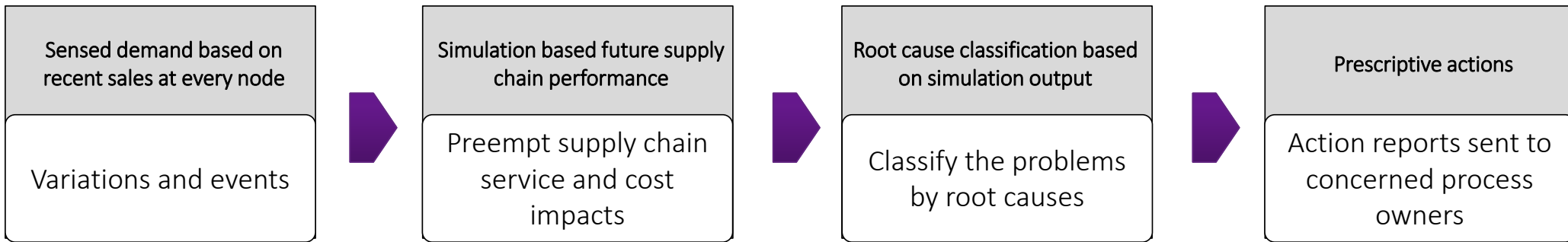
Impact on Supply chain KPIs



- Fill rate
- Order fulfillment
- Excess stock
- Higher transportation cost
- Reduced asset utilization

SOLUTION: Prior anticipation and pre-emptive action

Solution flow

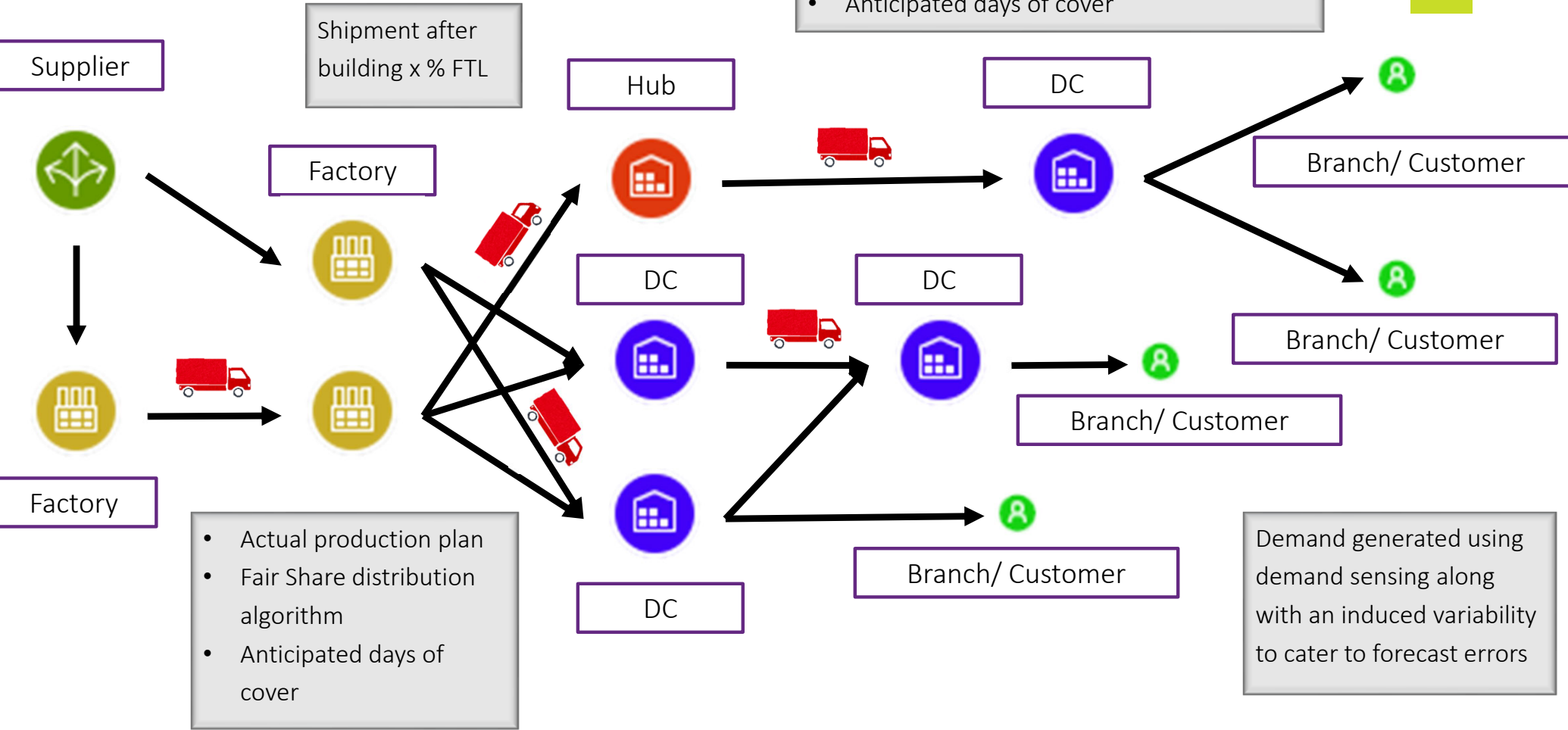


Network

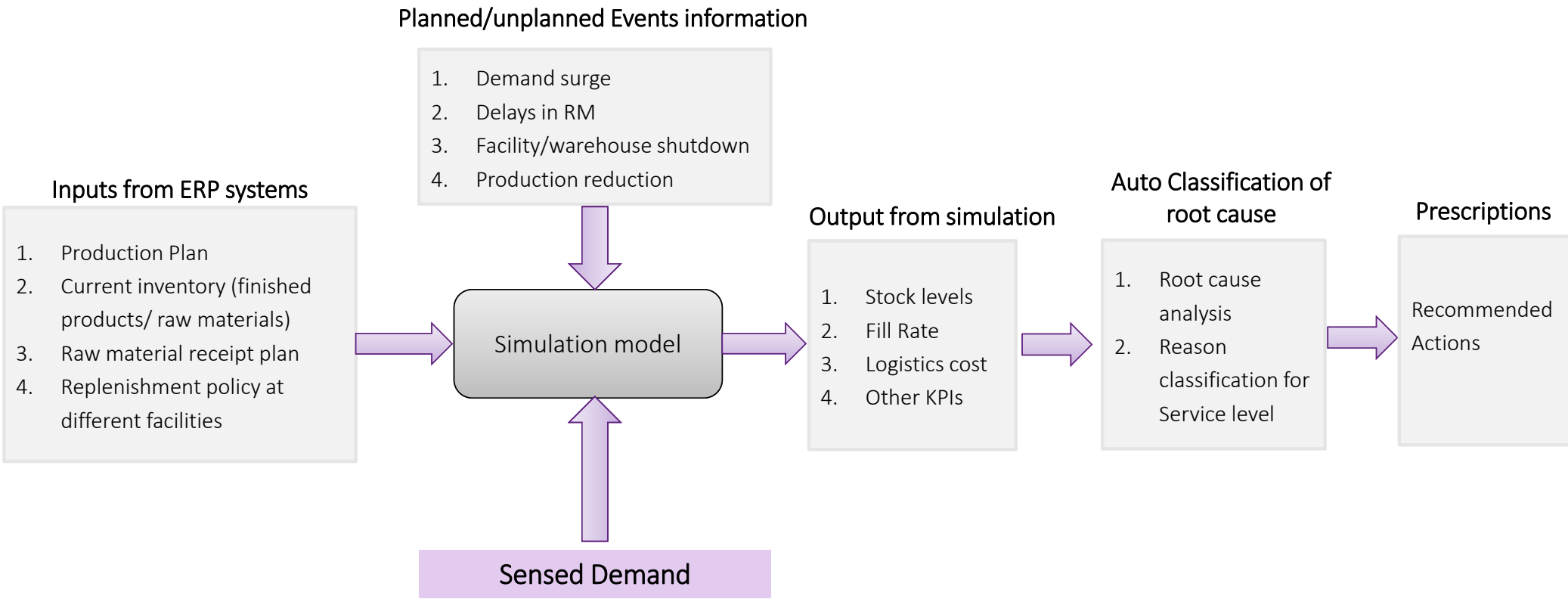


Operation Logic

- Pipeline consideration
- Fair Share distribution algorithm
- Anticipated days of cover

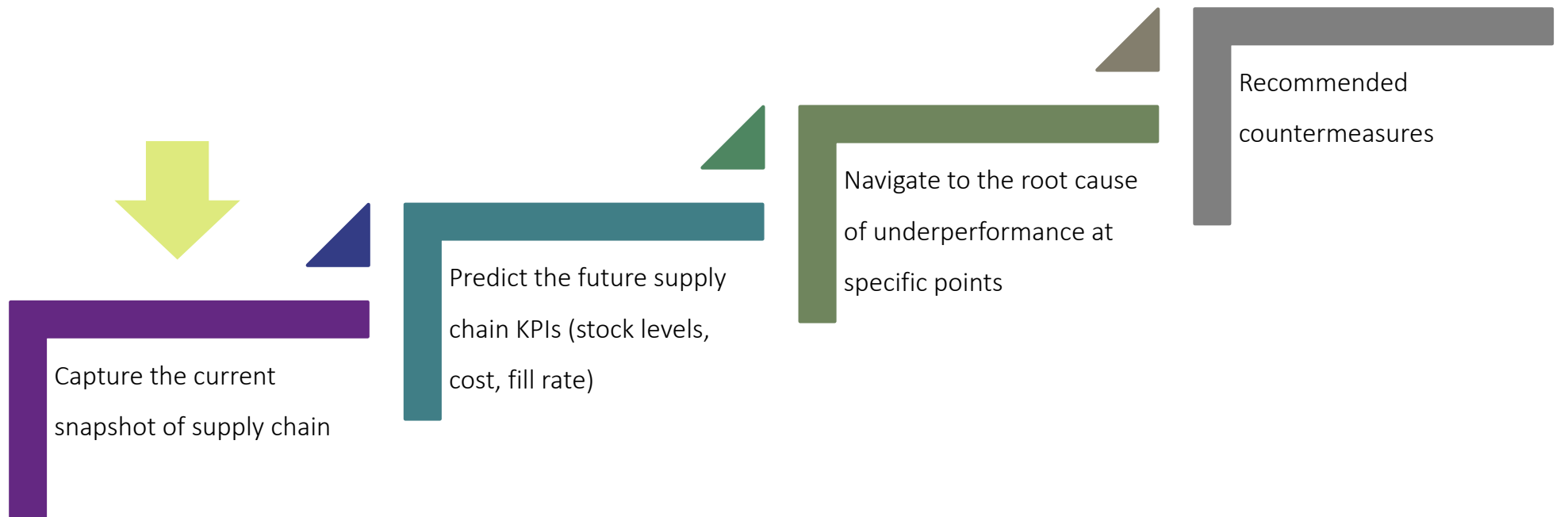


Data flow for the solution

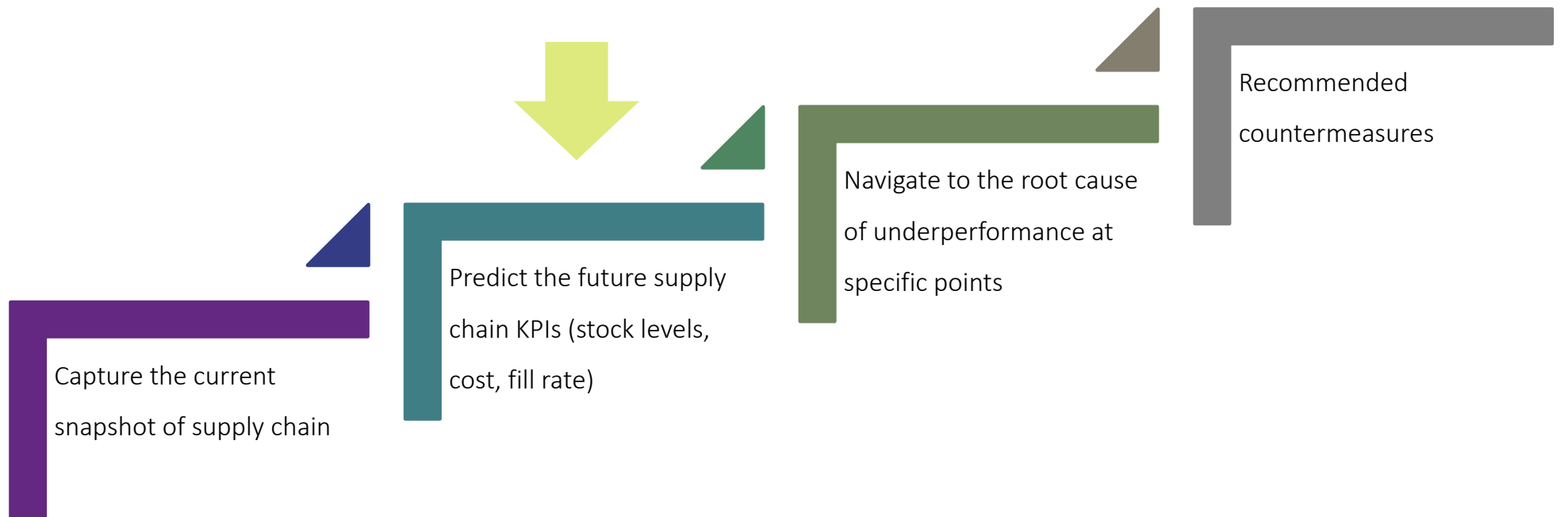


Using proprietary Demand Sensing Tool of ITC Infotech

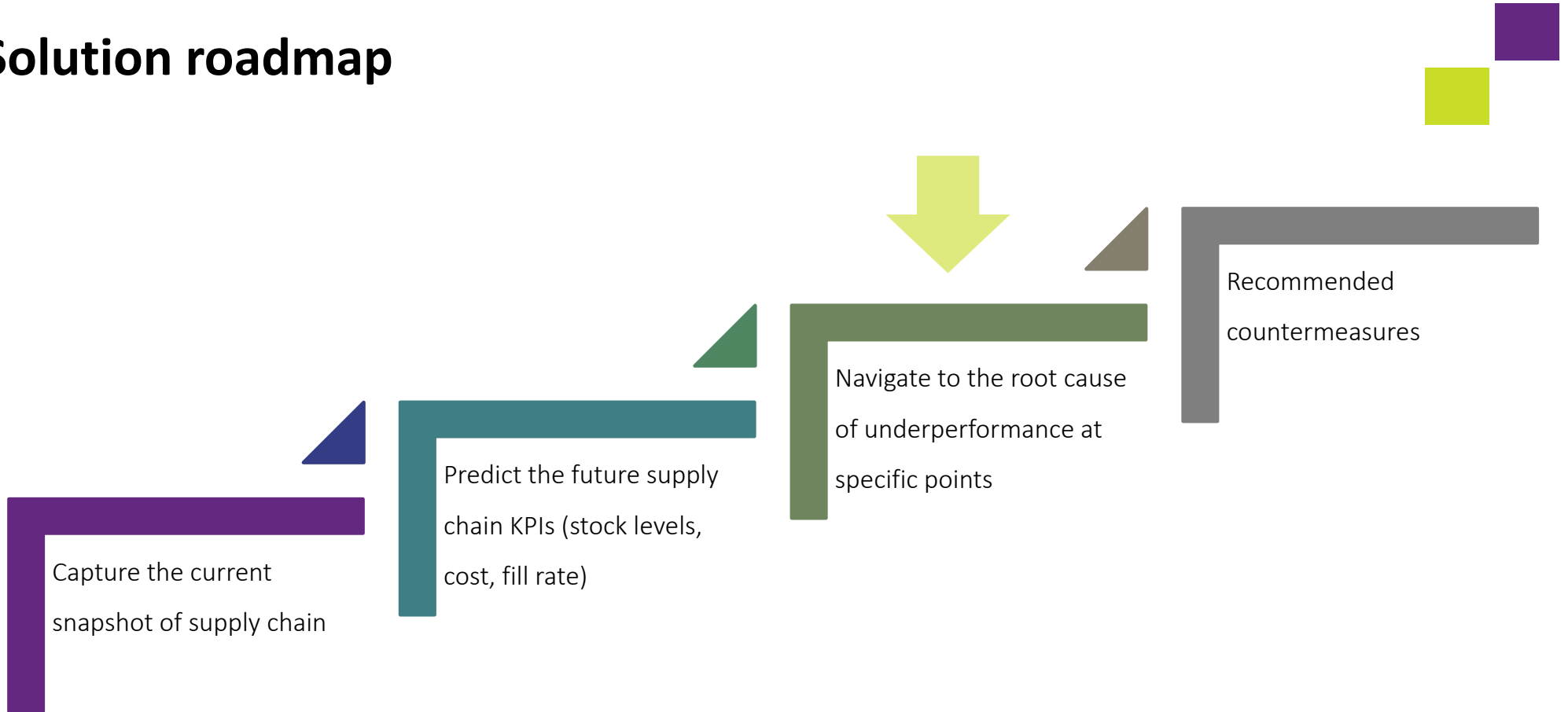
Solution roadmap



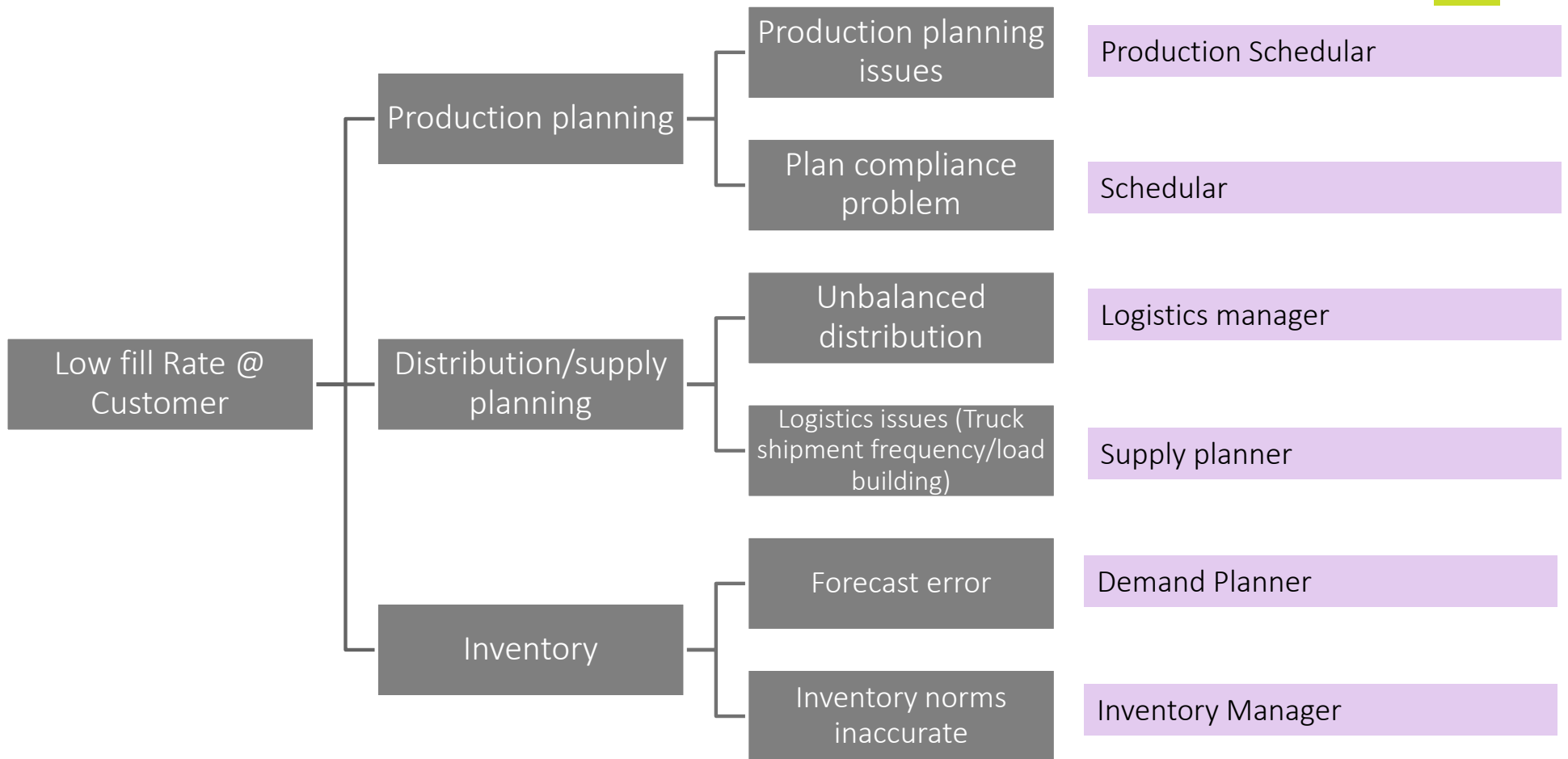
Solution roadmap



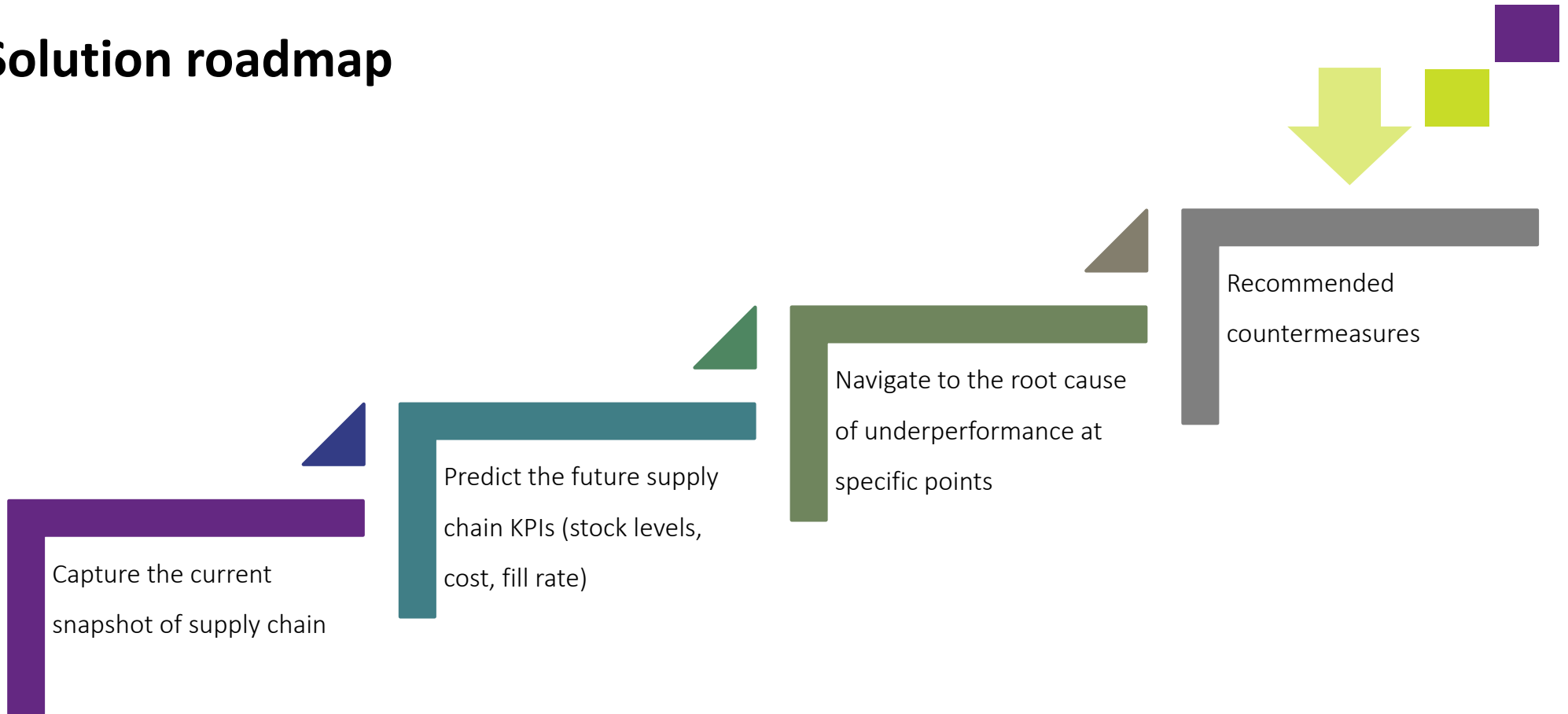
Solution roadmap



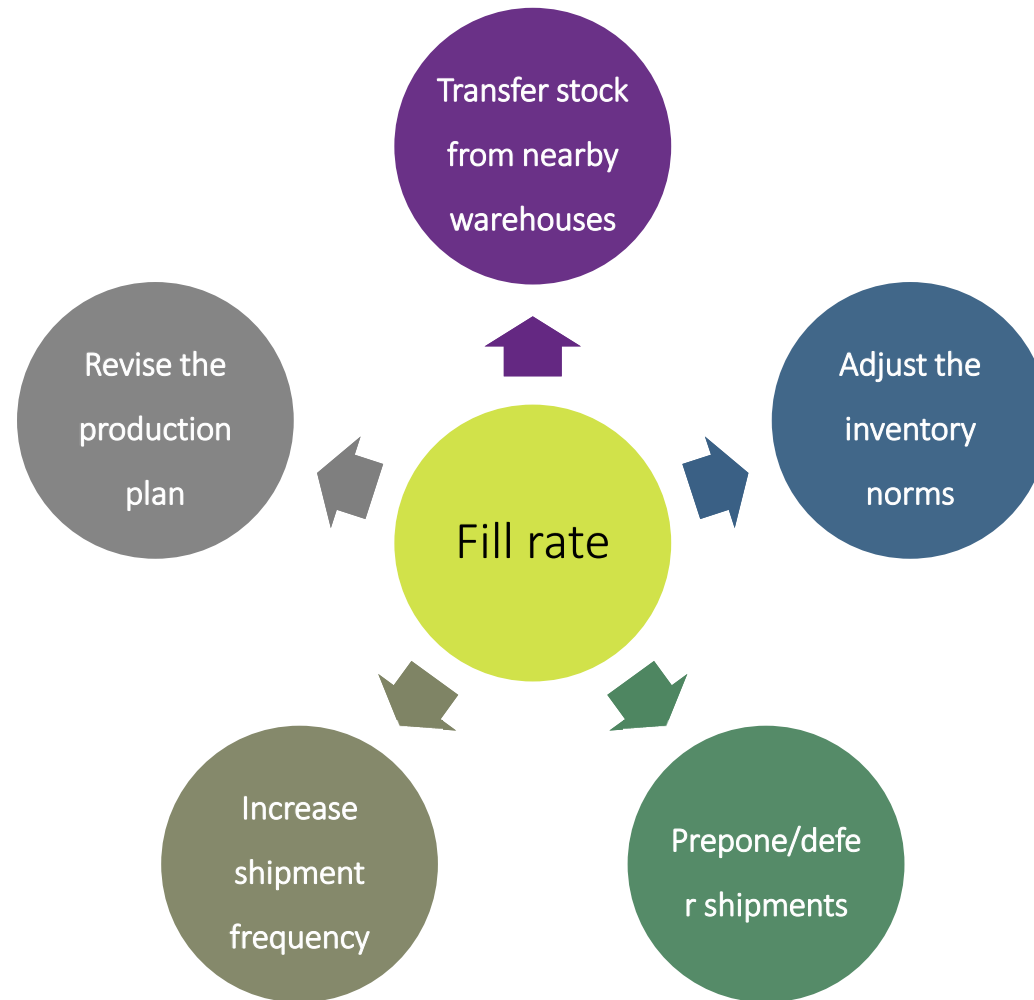
AI supported automated root cause analysis



Solution roadmap



Countermeasures to balance inventory and mitigate shortages





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Thank you

Connect with us to understand how ITC Infotech can help your business

Email: contact.us@itcinfotech.com

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