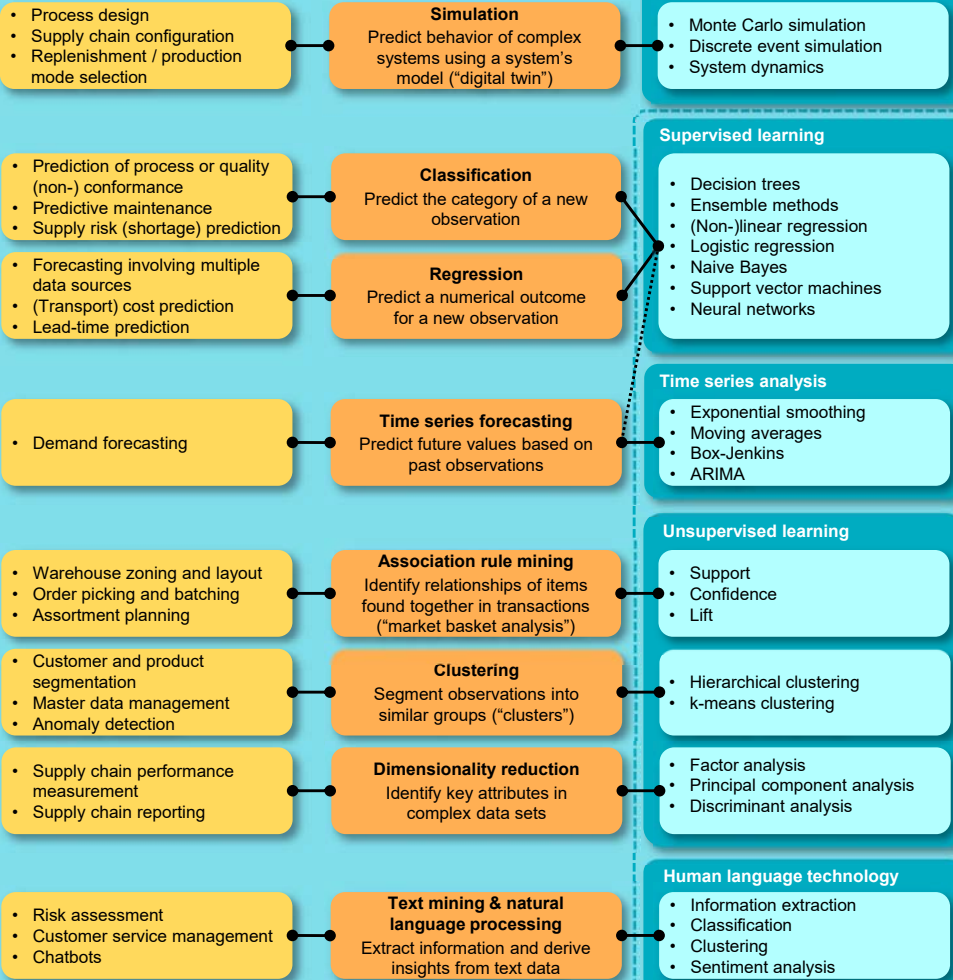
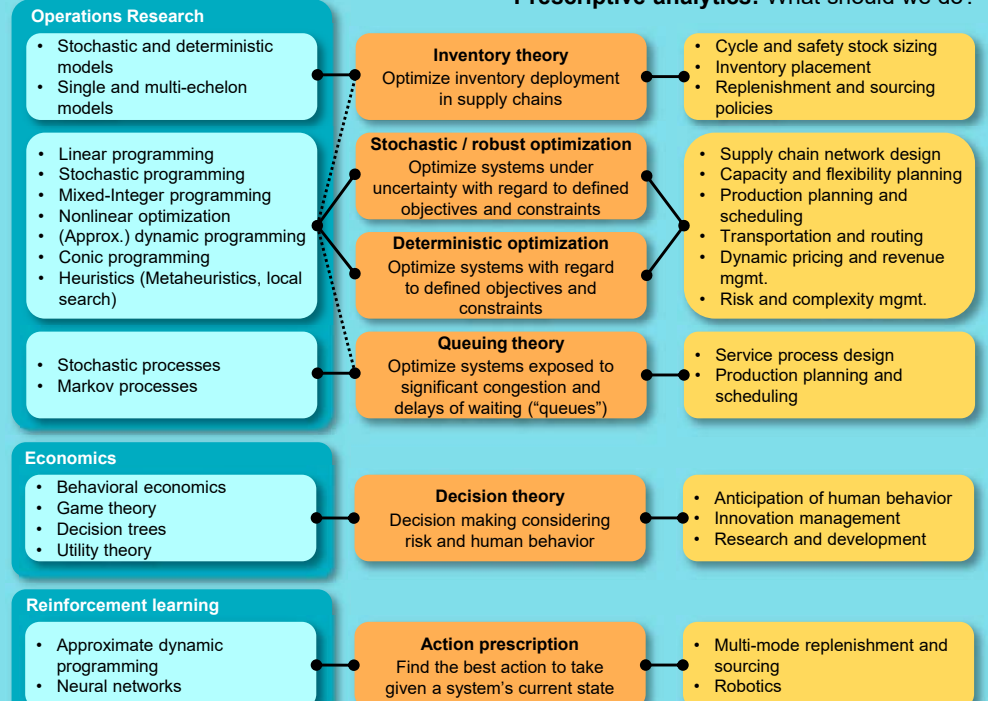


Supply Chain Analytics at a Glance – a Guide to Data-Driven Supply Chains

Predictive analytics: What will happen in the future?



Prescriptive analytics: What should we do?



Descriptive analytics: What happened (and why)?



Manual

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Analyst's perspective

Discipline



Methods



Business perspective

Business question



Use cases



This guide classifies **supply chain analytics** into **descriptive**, **predictive**, and **prescriptive analytics**, with the latter two being often coined under the umbrella term (weak) **artificial intelligence**. It links academic **disciplines** and their key **methods** ("analyst's perspective") to commonly addressed **business questions** and available **used cases** ("business perspective").

Descriptive statistics

- Mean and variance
- Correlation
- Distribution fitting

Summarize data

Describe and review data using simple statistics

- Supply chain reporting