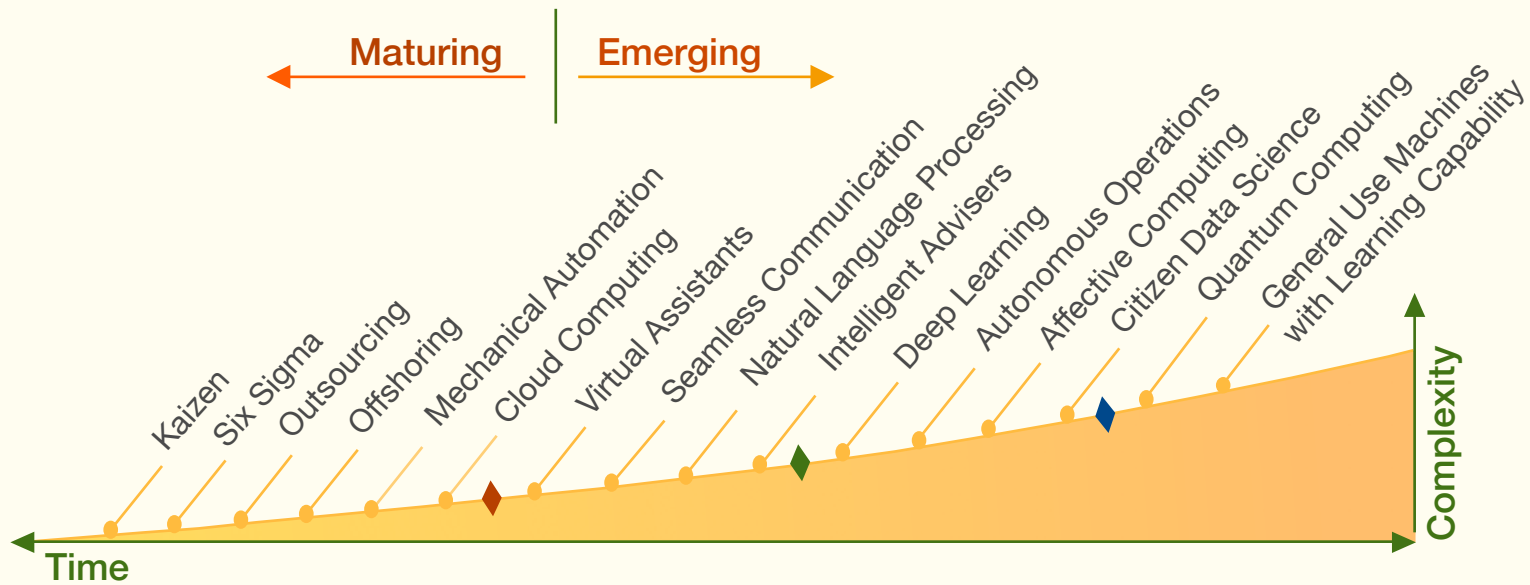




The evolution of process automation

Process automation takes time as it depends on the complexity and subsequent **maturation of the technologies** that make it possible. Thus, it will evolve from robotic process automation to cognitive automation and from there to artificial intelligence.



Robotic Process Automation

- On-Screen Data Collection
- Rule-based process management
- Tools to automate transactional activities
- Quicker and cheaper process efficiency



Cognitive Automation

- Data input and output in any format
- Recognition of patterns in non-structured data sources
- Copying of activities based on judgement
- Basic learning capabilities that allow for continuous improvements in quality and execution



Artificial Intelligence

- Natural Language Recognition and Processing (NLP)
- Ability to work with large volumes of unstructured data
- Predictive analysis based on hypothesis
- Advanced learning and performance improvement capabilities.

Source: Deloitte.