

About CPI

TRANSFORMATION CONSULTING
 in Risk, Finance, Governance & Compliance

Purpose • People • Process • Technology

Data Mining

- Superscope on data
- Process mining

Data Analytics

- Descriptive
- Diagnostic
- Predictive
- Prescriptive

(Big) Data

- "Lots of data"
- Dynamic, large, disparate volumes of data created by people, tools, machines (IOT)

Robotics

- Robotic Process Automation
- Robotic Cognitive Automation
- Orchestrated Robotic Cognitive Automation

Artificial Intelligence

- Intelligence, learning reasoning & self-correction
- Machine learning & computer vision
- Language processing & generation



The world of Data Science, Artificial Intelligence & Robotics

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Data Mining

Process of discovering meaningful new correlations, patterns and trends by sifting through large amounts of data stored in repositories. Data mining does not answer specific questions but focusses on the discovery of unknown properties.
E.g. interactive visualisation, pattern recognition technologies regarding centralised databases for strategic business information and market analysis.

Process Mining

Analysing and improving processes through concrete data sets and software in order to answer specific questions.
E.g. optimisation of PO process based on a dataset with process steps.

Data Analytics

Mine past data to understand what happened, support business decisions and questions of effect optimisations based on why it happened.
E.g. filter for factors to better manage target group, assessing credit risk using past financial performance to predict a customer's likely financial performance.



Robotic Process Automation

Software that can be easily programmed to do basic tasks across applications in order to reduce the burden of repetitive, simple tasks on employees.
E.g. claims processing, client profile updates, fraudulent account closing, policy administration and servicing.

Artificial intelligence

Area of computer science that emphasizes the creation of intelligent machines that work and react like humans.
E.g. Watson chatbot, GO Spelen, techniques for self-driving cars.

