Week 2: Neural Networks and Business Processes

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# Neural Networks and Business Processes

The human brain is a supercomputer, with capabilities to reason about situations even when facing ambiguity and imperfect information. In 1949, neural scientists found that the mechanism that accomplishes this feat is a mesh of connected *neurons* (Lukac, Milic, & Nikolic, 2018). Despite unlocking the biological key to producing cognitive learning, the processing power necessary to digitally create these structures was not widely available until the early 2000s. Now cloud technologies, such as Machine Learning as a Service (MLaaS) and Hardware Acceleration as a Service (AaaS), expose ubiquitous access to these data structures for enhancing decision processes.

* What are NN and how do they solve problems
* How do they work
* How can we apply these to an experiment
* What learnings exist from those efforts