

Diplomado en Ciencia de Datos

Introducción al Machine Learning

08-10-2024

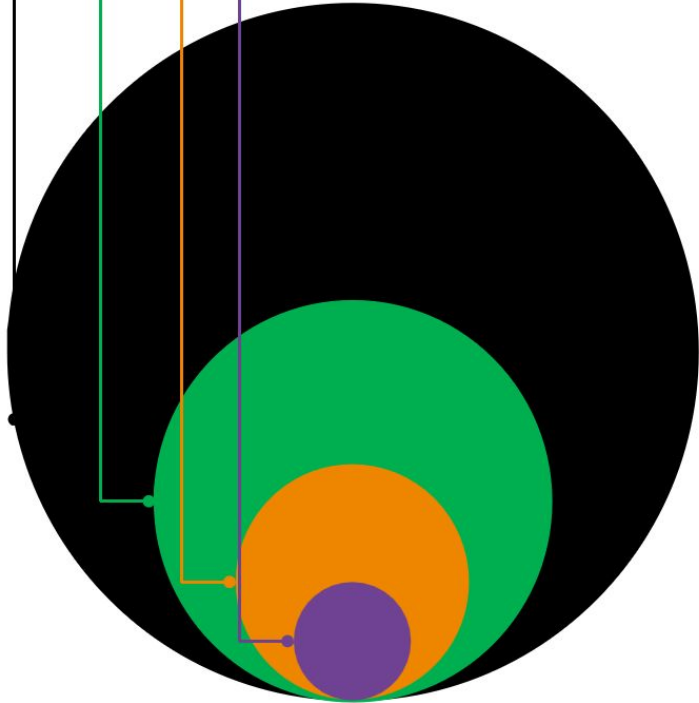
By: Felipe Flórez O.

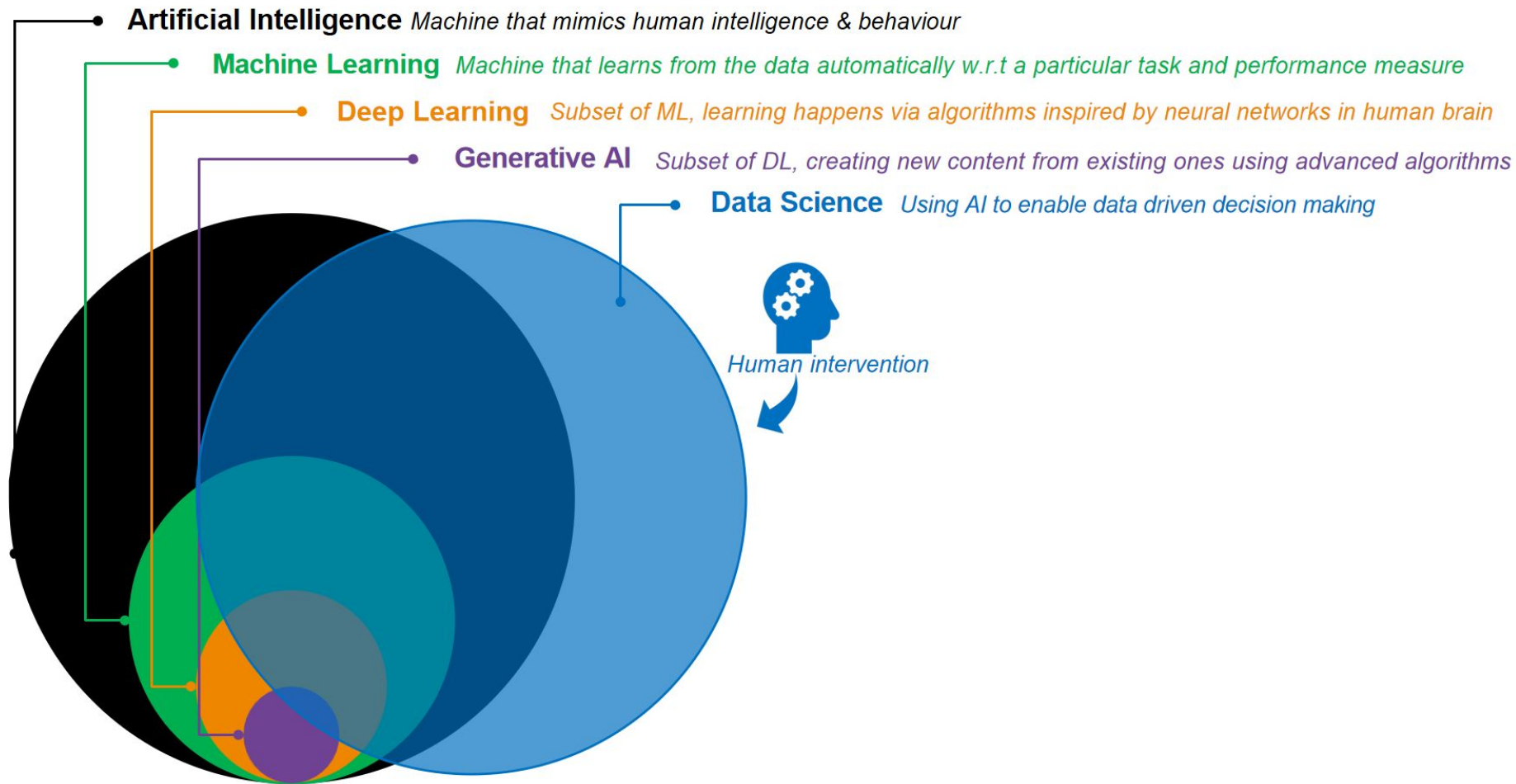
• **Artificial Intelligence** *Machine that mimics human intelligence & behaviour*

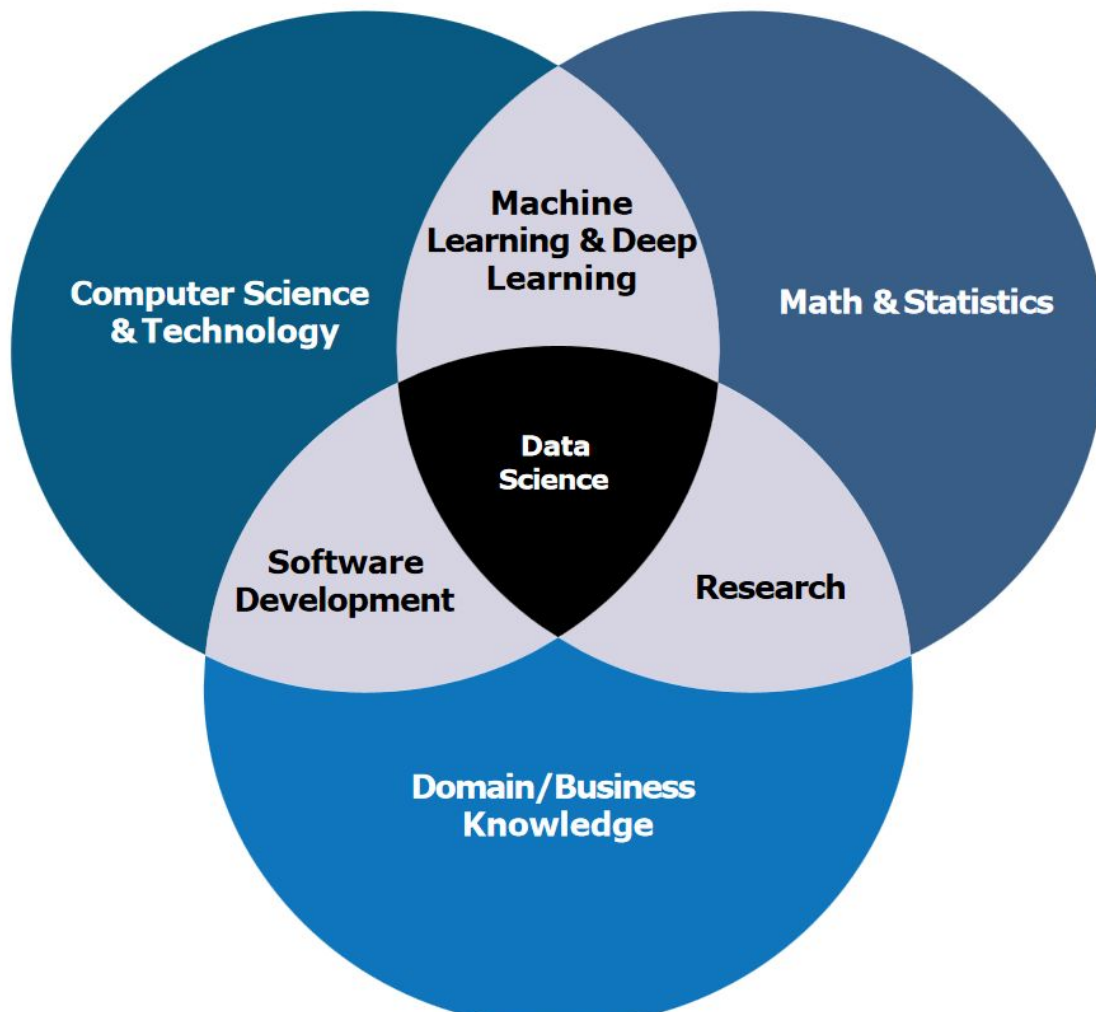
• **Machine Learning** *Machine that learns from the data automatically w.r.t a particular task and performance measure*

• **Deep Learning** *Subset of ML, learning happens via algorithms inspired by neural networks in human brain*

• **Generative AI** *Subset of DL, creating new content from existing ones using advanced algorithms*

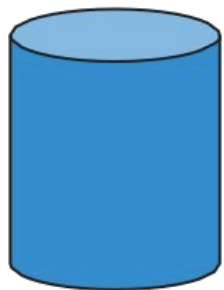




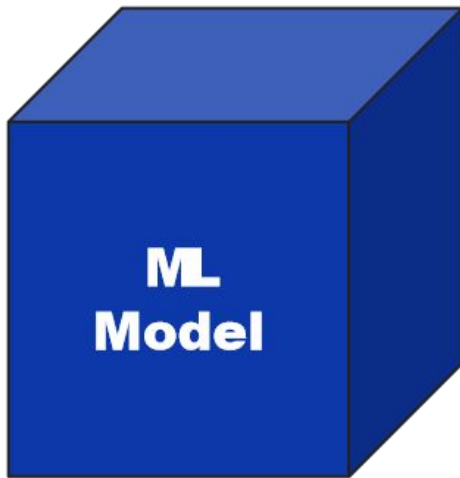


Machine Learning

The model learns
the patterns in the data



Training Data

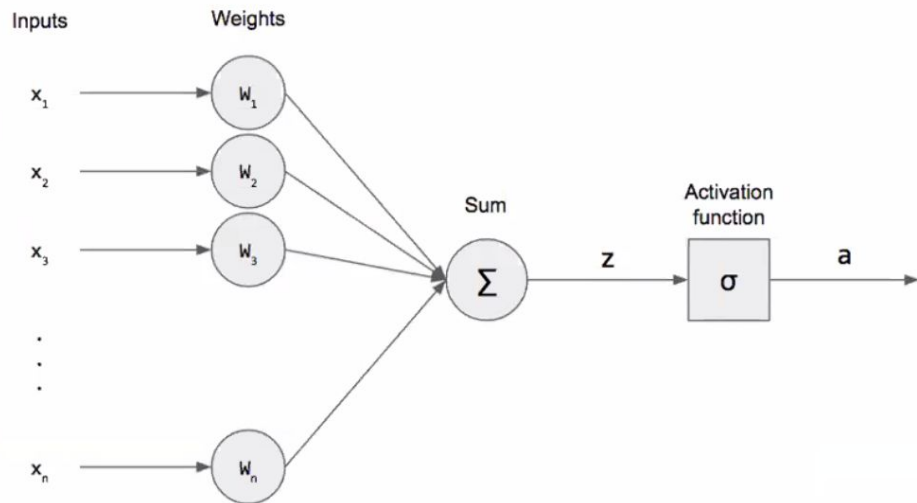
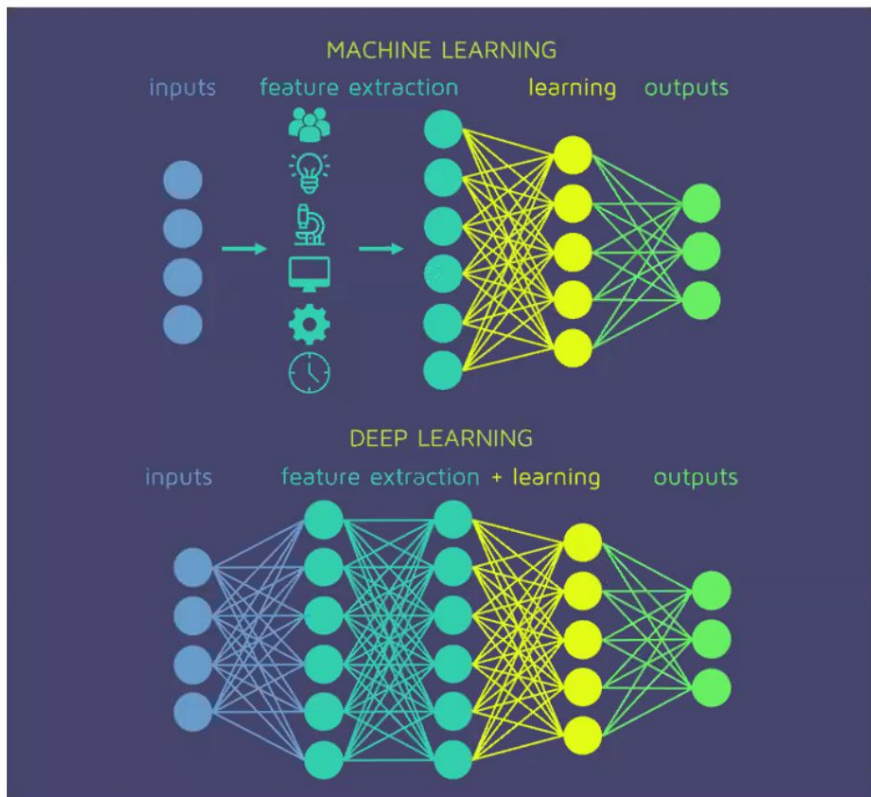


Predictions



Future Data

Deep Learning



Types of Machine Learning

