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AI in Clinical SAS

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Bioclinica

Agenda

- Introduction
- Artificial Intelligence
- In Clinical SAS
- Application
- Summary

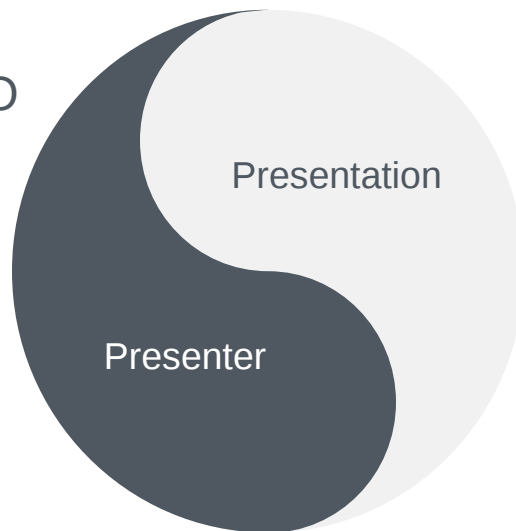
Introduction

Professional

- Experience (10+ years Pharma, CRO & BFSI)
- Qualification (M.V.Sc & M.B.A)

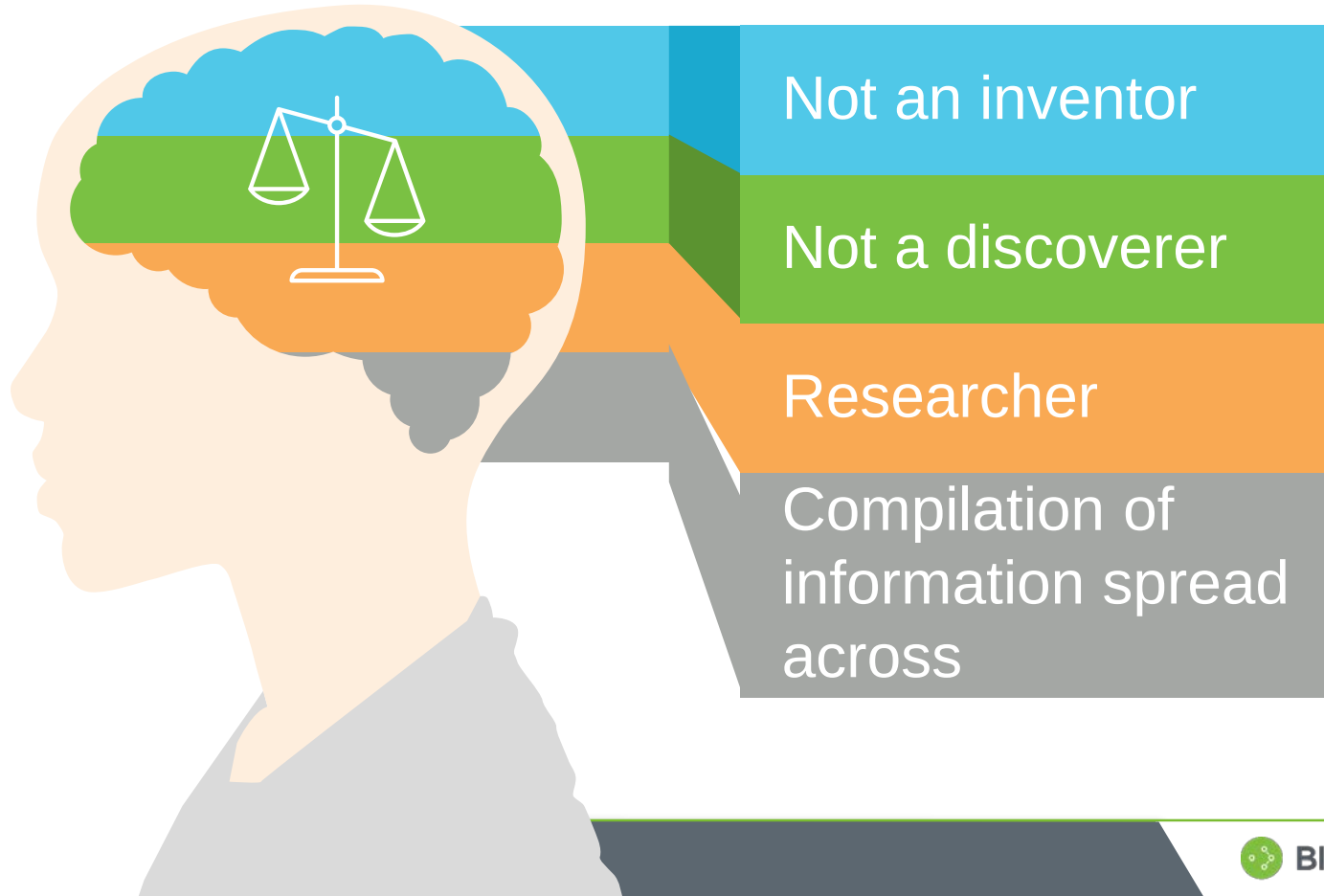
Personal

- Salem, TN
- Married - One kid

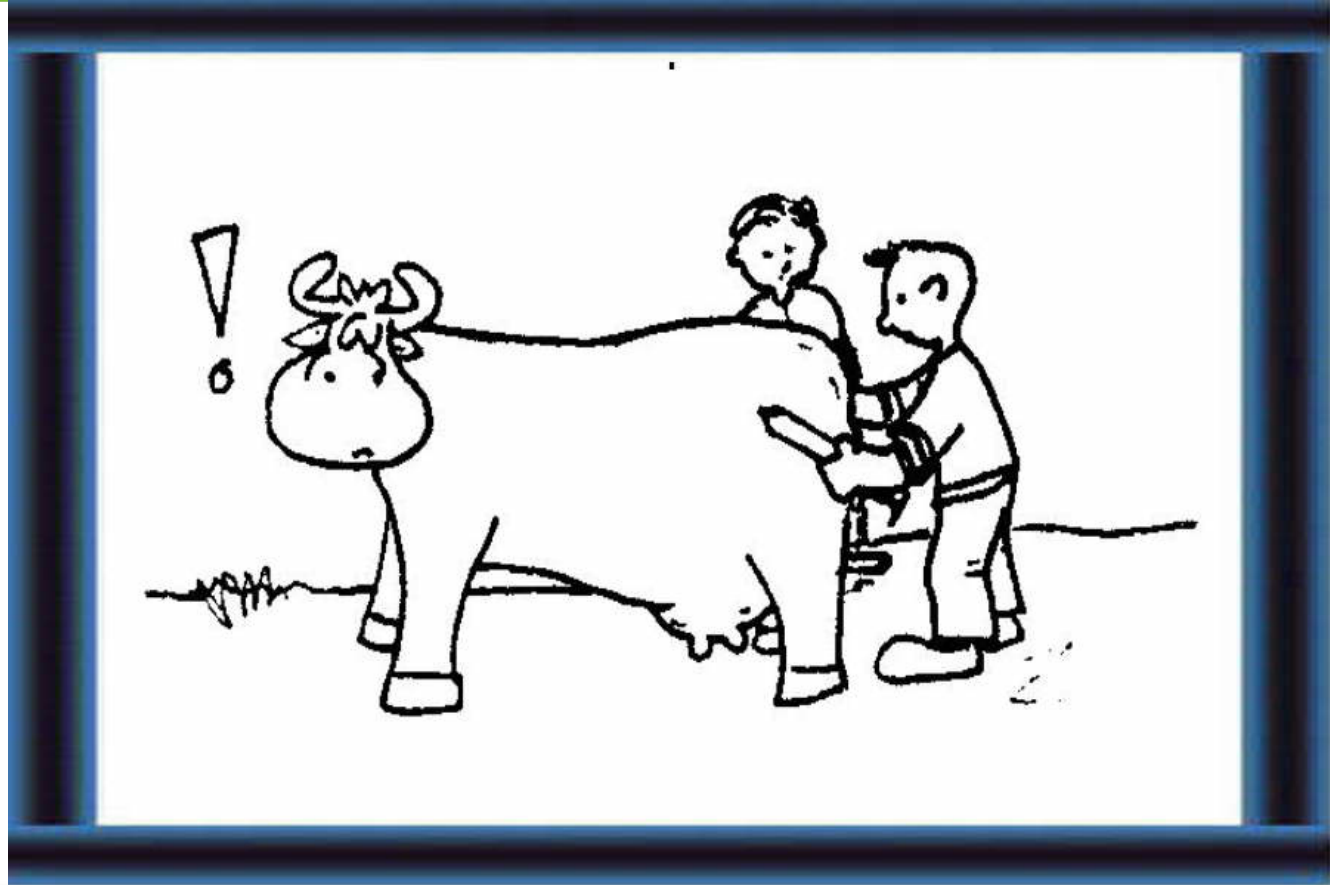


In Agenda 😊

Disclaimer



Artificial Insemination





Artificial Intelligence

Term coined in 1956

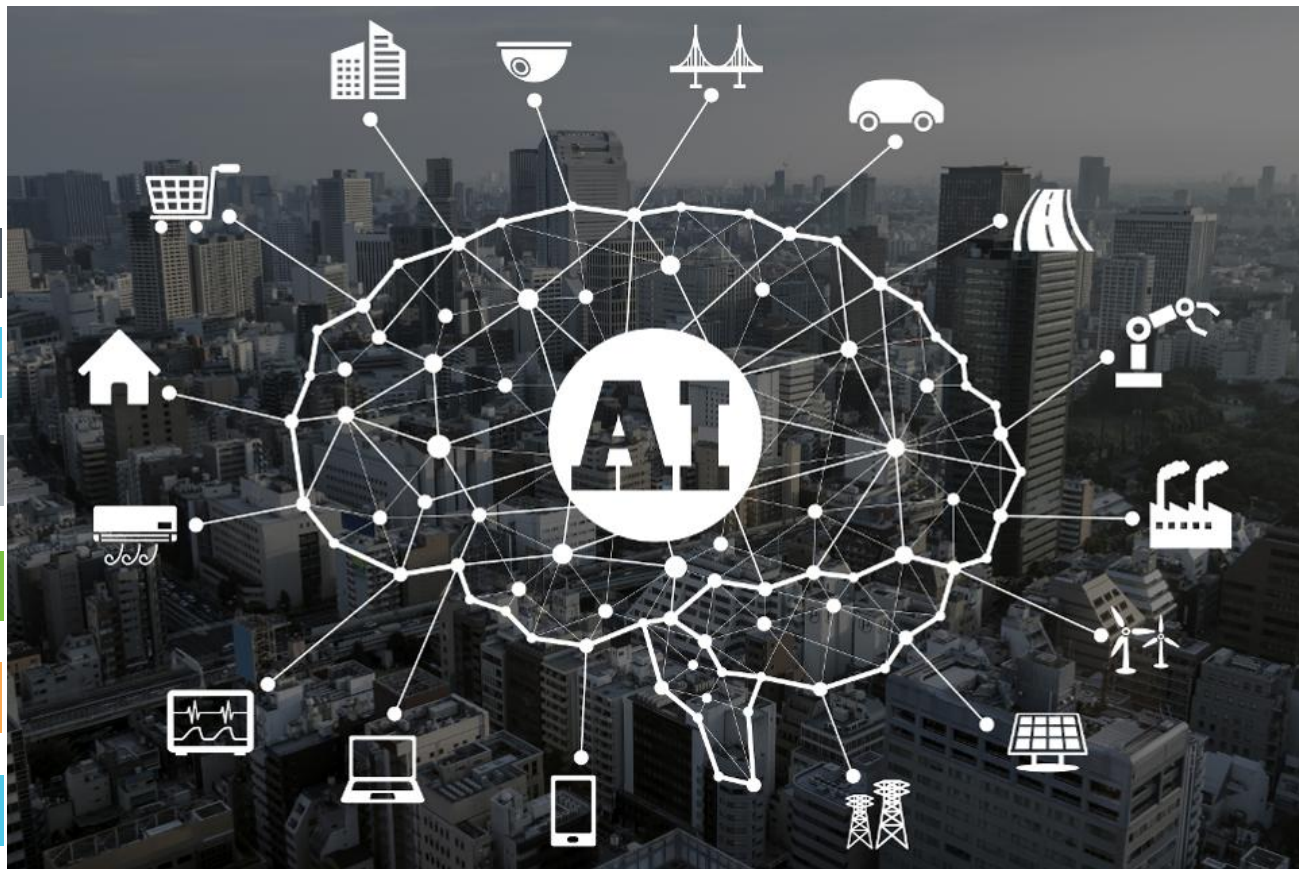
Science & engineering

Simulate human intelligence

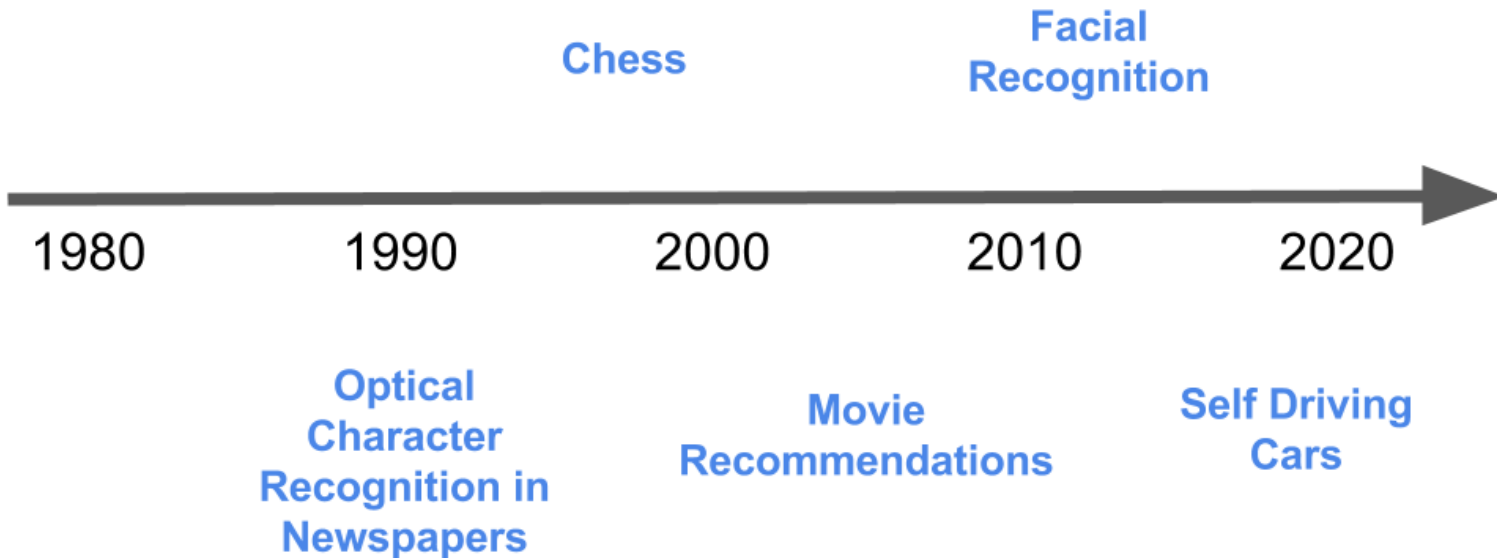
Similar task of using computers

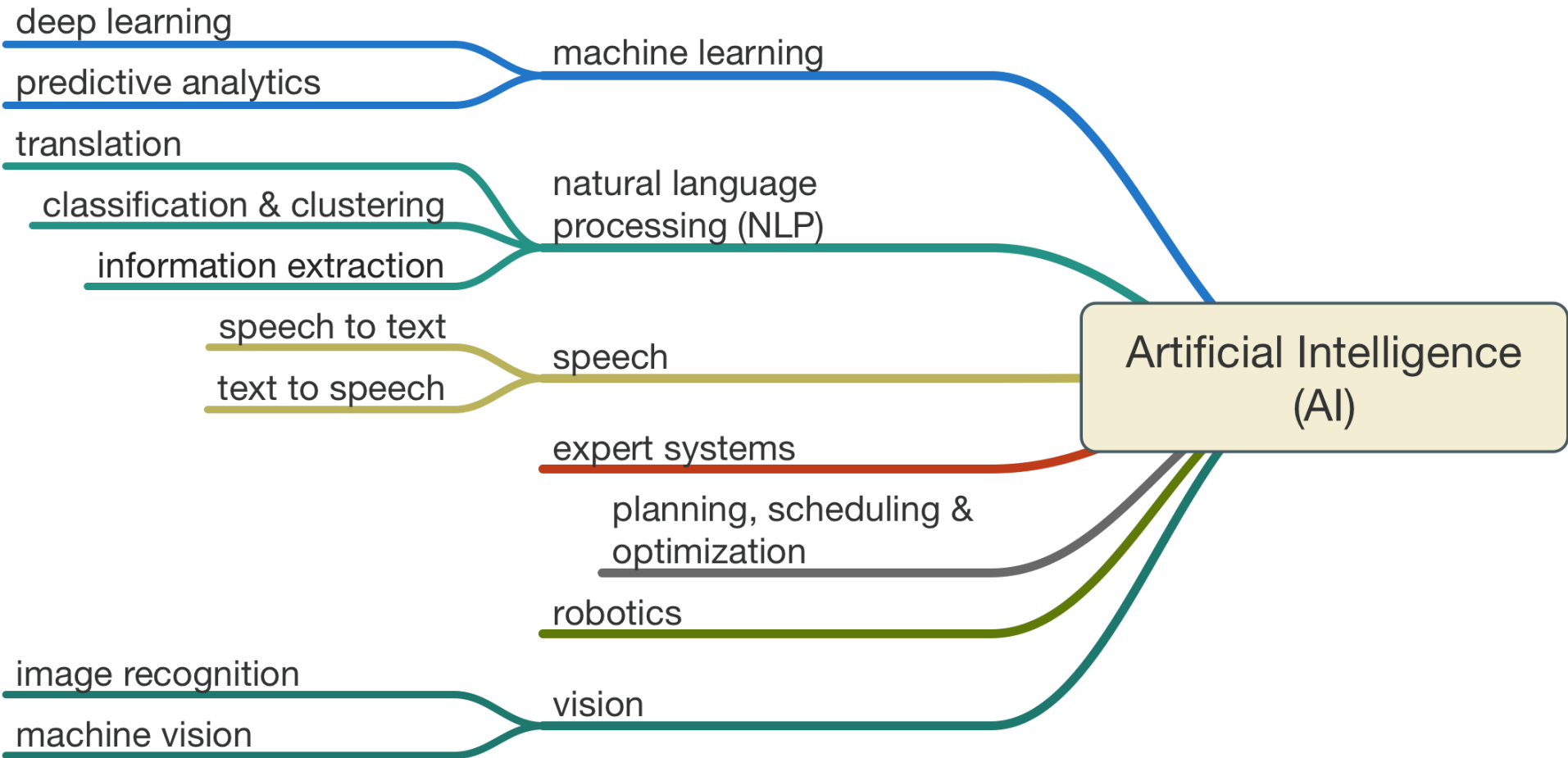
Fourth industrial revolution

Perform human-like tasks



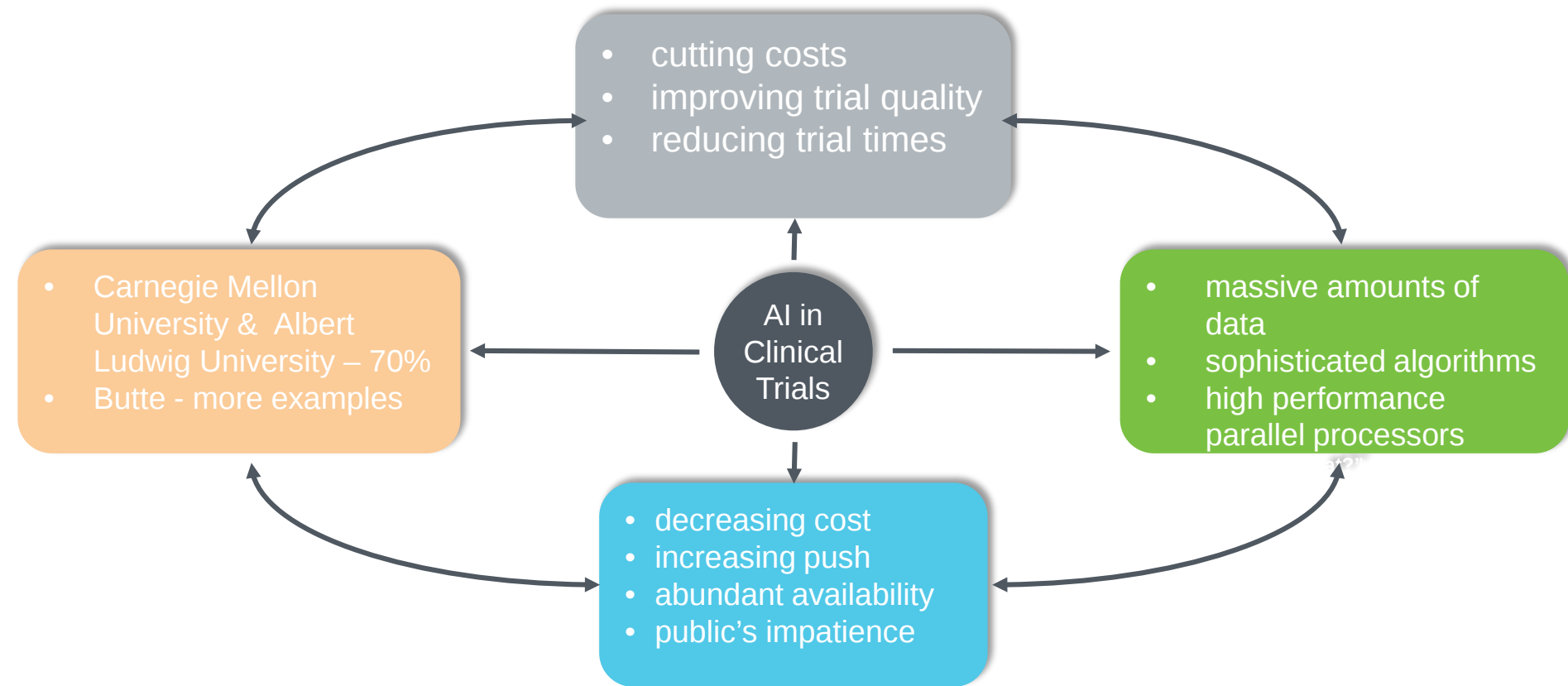
AI – Artificial Intelligence

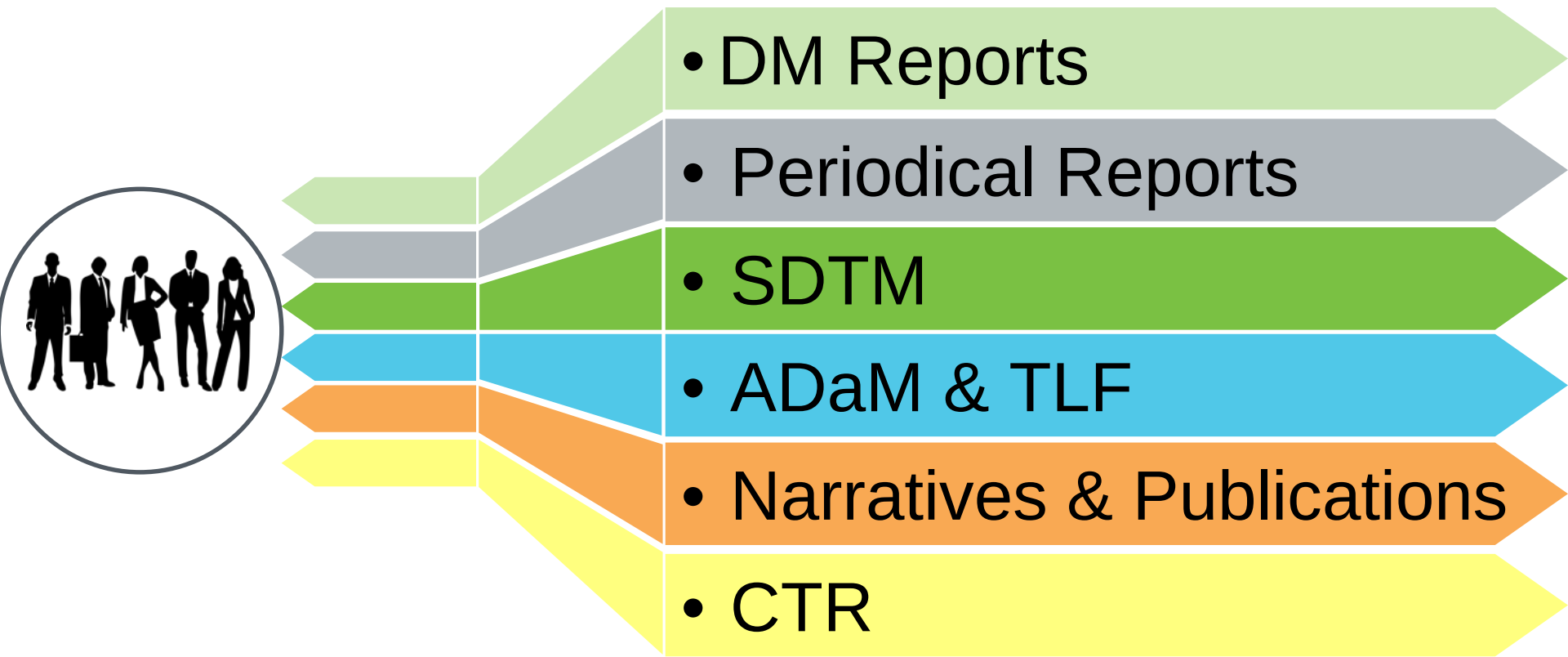






In Clinical Trials







In Clinical SAS



- merge structured and unstructured data
- ability to use datasets
- reports and external sources



- computers can be trained
- processing large amounts of data
- recognizing patterns in the data

- Smarter data interpretation
- Faster data manipulation
- More efficient and cost effective outputs



Machine Learning & Pattern recognition

What

- an application of artificial Intelligence
- a method of data analysis

Examples

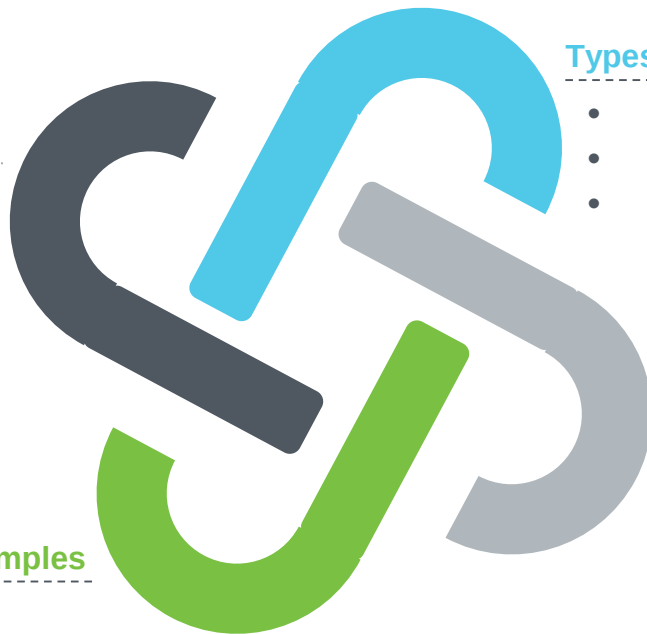
- IBM Watson
- Google deepminds

Types

- Supervised
- Unsupervised
- Reinforcement

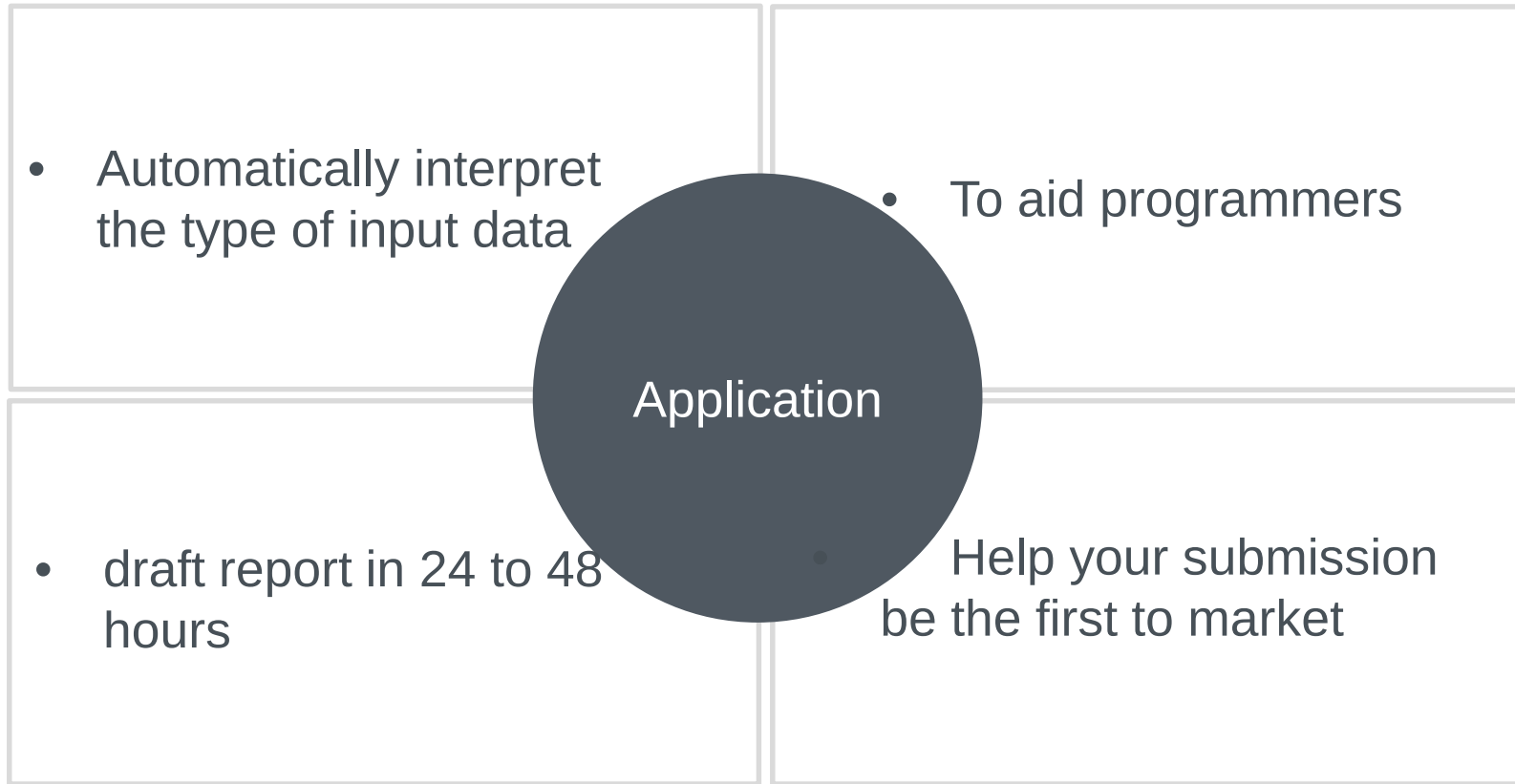
Why

- quickly and automatically produce models
- better chance of identifying profitable Opportunities
- avoiding unknown risks

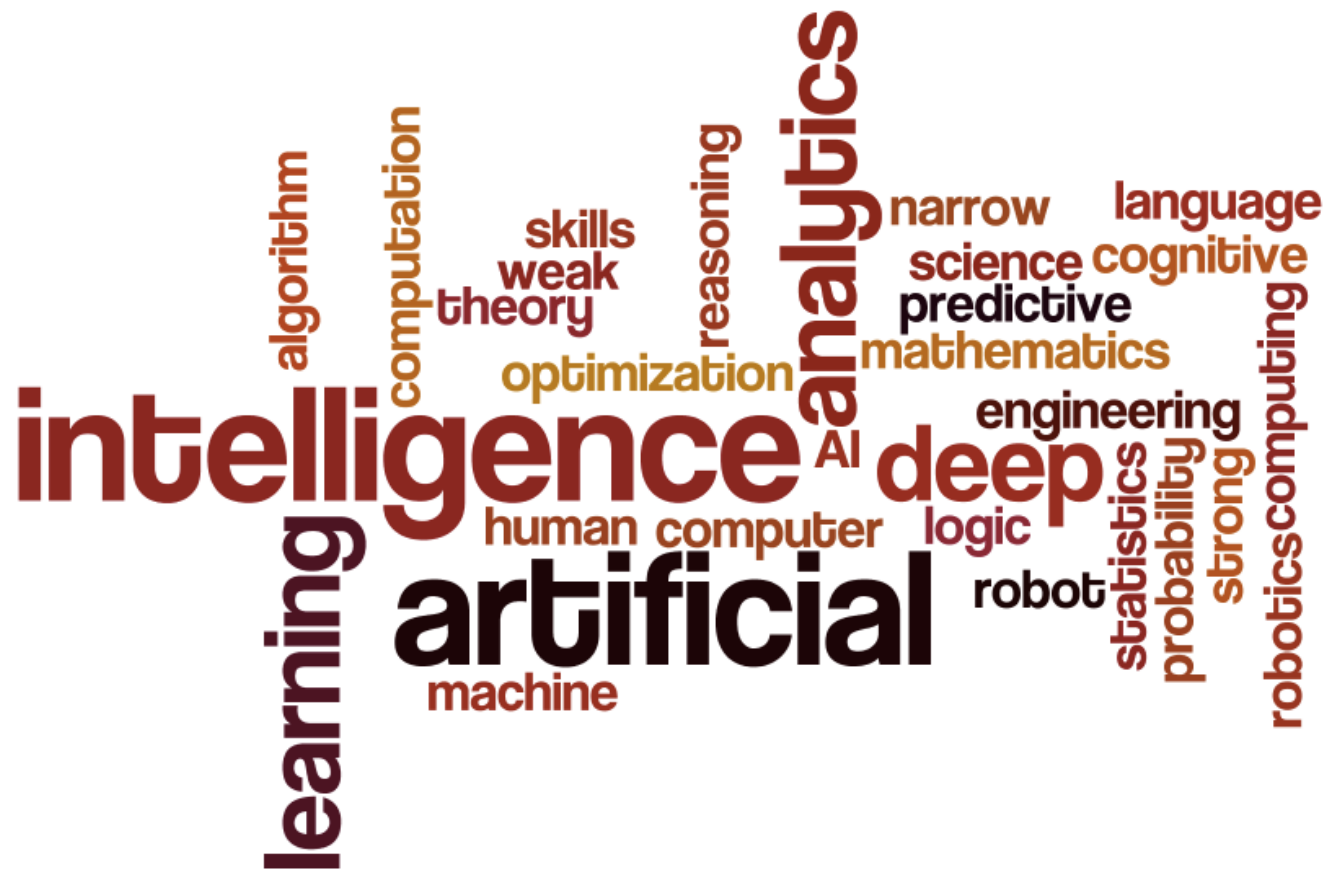




Application



Summary



Questions

Thank You!

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