Artificial intelligence
What (I think) it is currently

- Current AI systems use a mix of the following strategies for task-solving:

    - **Expert-derived** rules-based systems

    - **Data-driven** pattern-matching systems

Automated cell culture media exchanger
Hypothetical AI Product

- A company develops a machine that automatically refreshes cell culture media, tailored to the specific cell type

- The data science team propose two methods to automate this process:

  - R&D team provides specific optimal conditions for all on-market cell types (eg. mice cells ~24h, rat cells ~30h, …) -> **Expert-derived**

  - DS team applies natural language processing methods to research literature and cell product brochures to identify optimal cell types vs. conditions -> **Data-driven**