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Excercise-5.1

Categorization is a very good approach to separate the things to study them or understanding them. But this categorisation also happens to be a sound matter of contention in philosophy.

Reasons include

1) Aristotle gave a model of categorisation based on ‘neccesary and sufficient conditions’. But there are a lot of thing which can satisfy more than one conditions or not satisfy any conditions, hence categorising them requires a separate study , that we now do using predicate logic.

3) The rationalist tradition objectifies the world in an atomistic way, seeking to model categorisation as the model of cognition. They have a good influence over artificial intelligence

Implications in AI:

In AI categoriation mostly is done based on data available to the model. So categorization is mostly is responsible for a data driven AI. Data driven AI has following implications:

Many companies have adapted to a “data-driven AI” approach for operational decision-making.

By uniting large information and AI innovation, organizations have improved business execution and productivity by

- Envisioning and gaining by arising industry and market patterns.
- Analyzing consumer behavior and automating customer segmentation.
- Customizing and enhancing the exhibition of computerized advertising efforts.
- Using intelligent decision support systems fueled by big data, AI, and predictive analytics.