Many Terms:

- →Big Data
- Data Science
- Machine Learning

An approach is to simulate the human mind and senses:

Neural Networks

An approach is to simulate the human mind and senses:

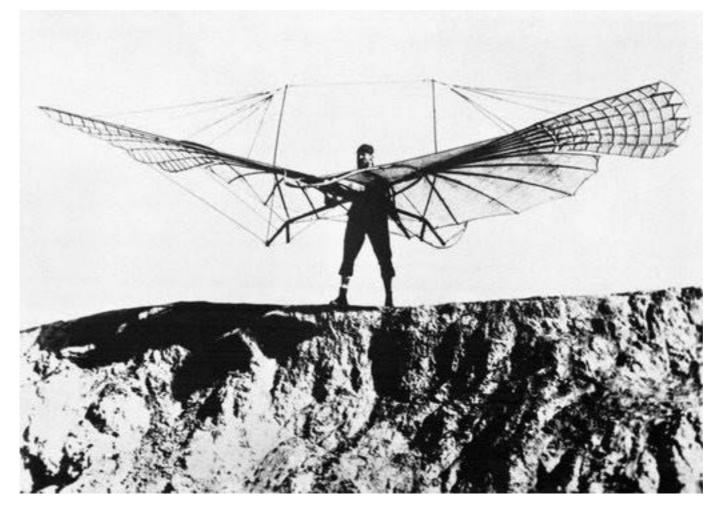
- Neural Networks
- Computer Vision

An approach is to simulate the human mind and senses:

- Neural Networks
- Computer Vision
- Tactile Interfaces

but mimicking nature is not always the best

solution!



Another approach is to focus on the "tools" we humans use:

Statistics

Another approach is to focus on the "tools" we humans use:

- Statistics
- **Models**

Another approach is to focus on the "tools" we humans use:

- Statistics
- **→**Models
- **→**Simulation

Another approach is to focus on the "tools" we humans use:

- Statistics
- → Models
- Simulation

The basis for all of these is data.

Surveys, questionnaires

- Surveys, questionnaires
- **Census**

- Surveys, questionnaires
- **Census**
- Genetics

- Surveys, questionnaires
- **Census**
- Genetics
- **→Internet**