



WINNER EMETO

Is a Python web dev that found DATA SCIENCE and ML interesting to learn

Skills

PYTHON

DJANGO

VISUALIZATION

HTML

CSS



EVOLVING OF ML *and* DATA SCIENCE

The talk is all about **DATA** and will always be!

Content

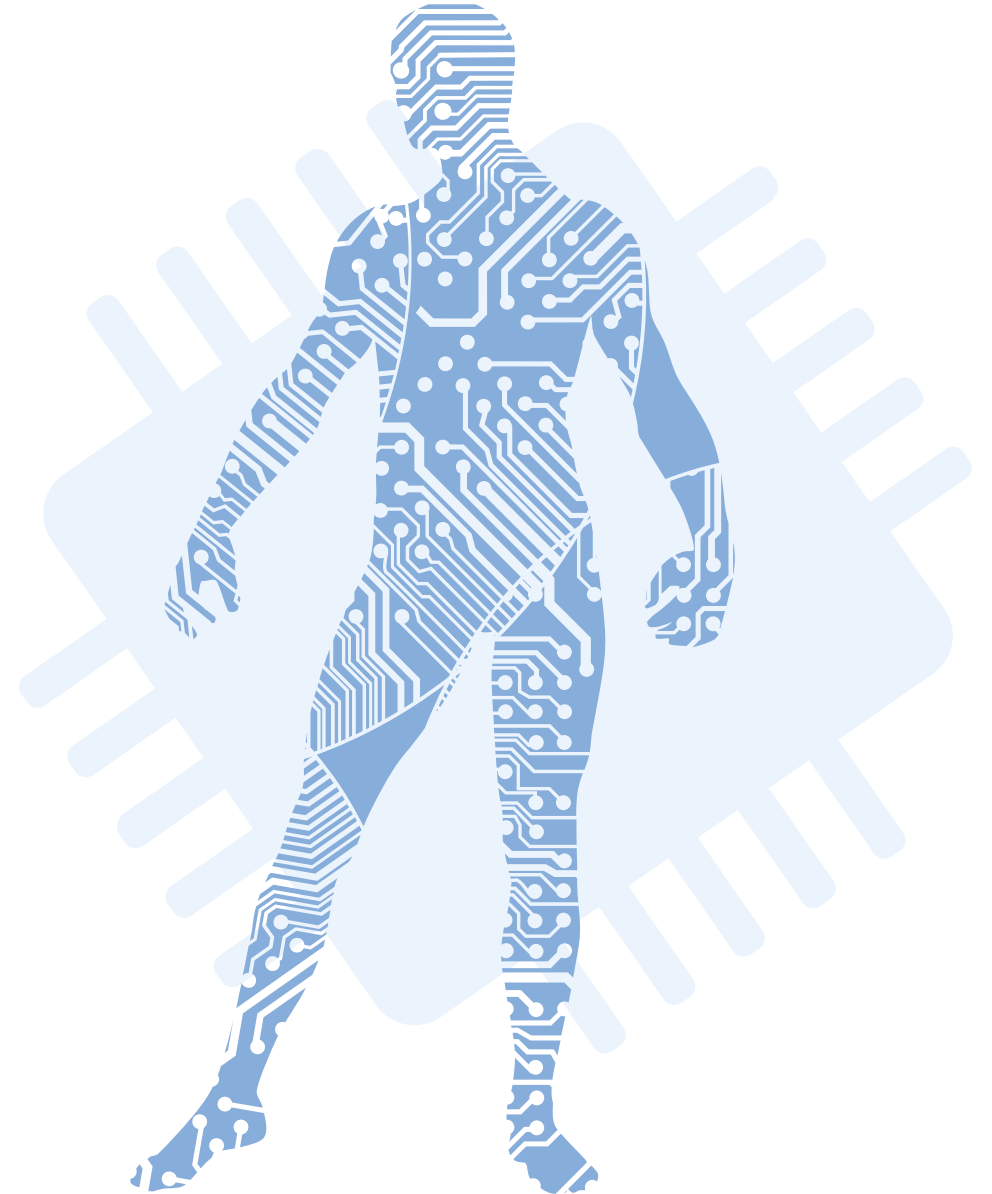
01 What is Data Science

02 Data

03 Science

04 Visualization

What can be done with the data we have?



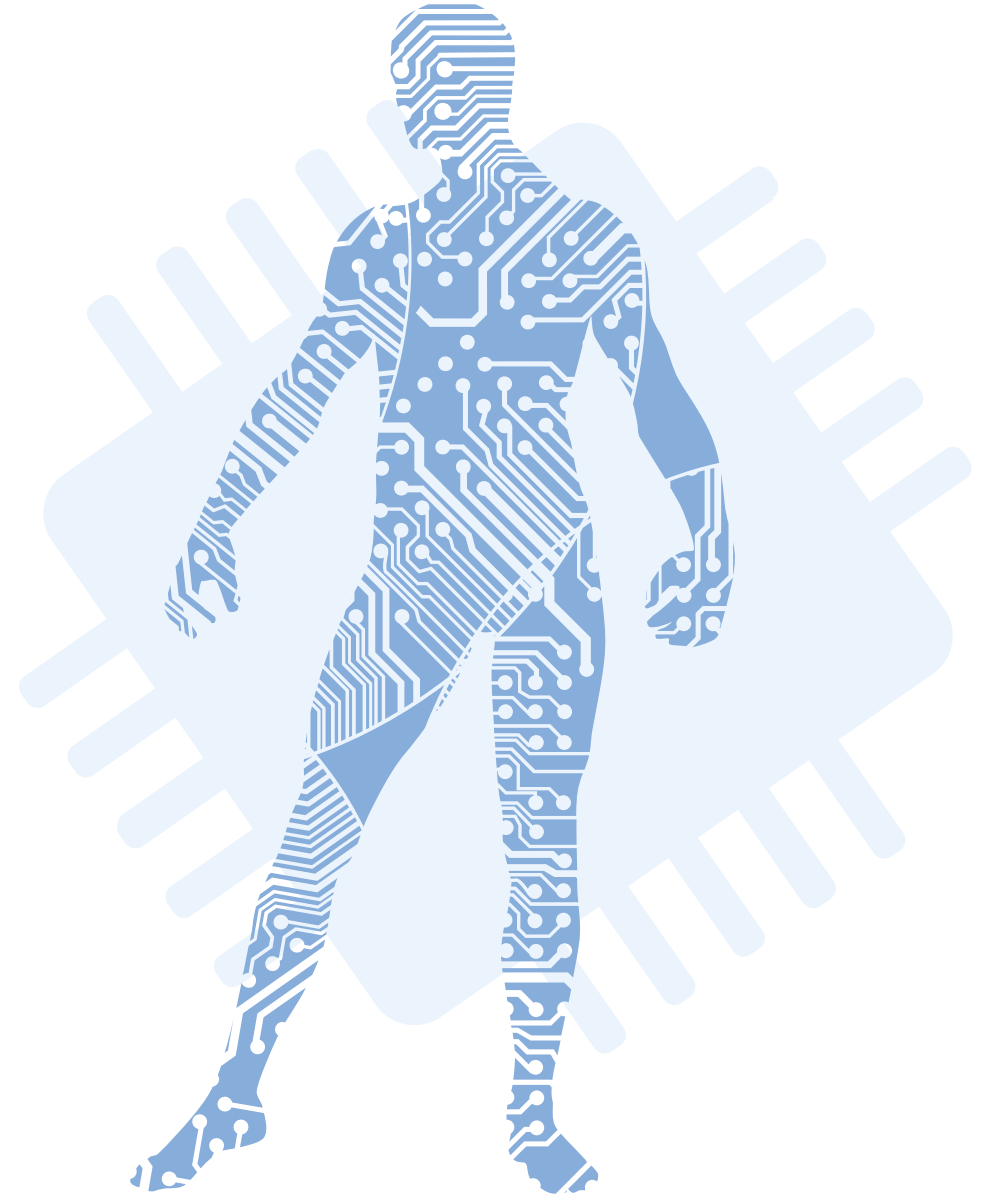
05 What is Machine Learning

06 Machine

07 Learning

08 Google ML {QuickDraw}

Can Machine Learning be fun?



DATA SCIENCE

The ability to take data to be able to understand it, to process it, to extract value from it, to visualize it, and communicate it.



This is a skill that we won't be able to do without in the next deCade.
“Hal Varian”

DATA



Agriculture

Does ferLlizer increase crop yields?
Answer: Collect and analyze agricultural experimental **data**



Medical

Does Streptomycin cure Tuberculosis? Collect and analyze randomized trials **data**



Life Style

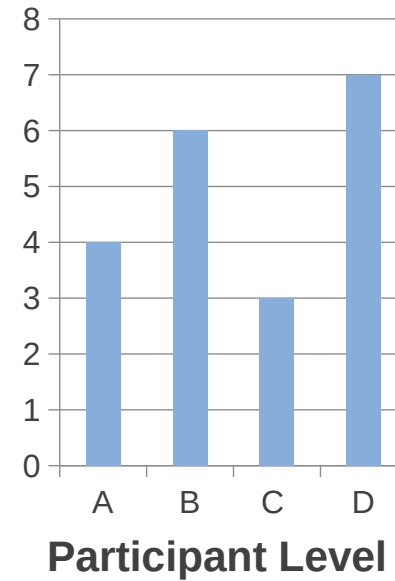
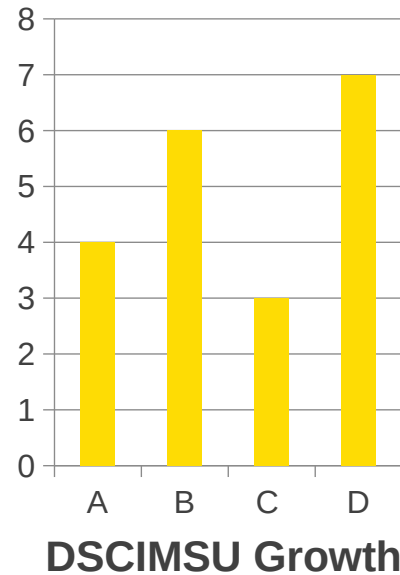
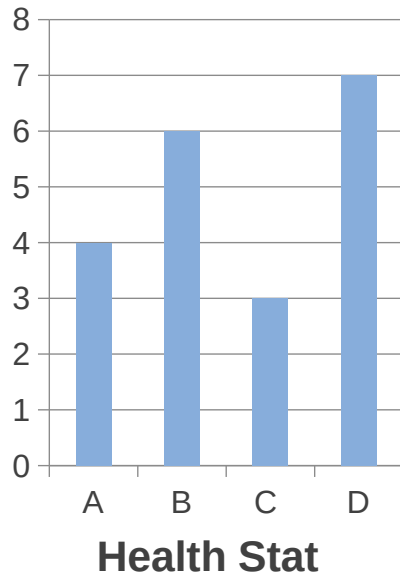
Does smoking cause lung--cancer? Collect and analyze observational studies **data**



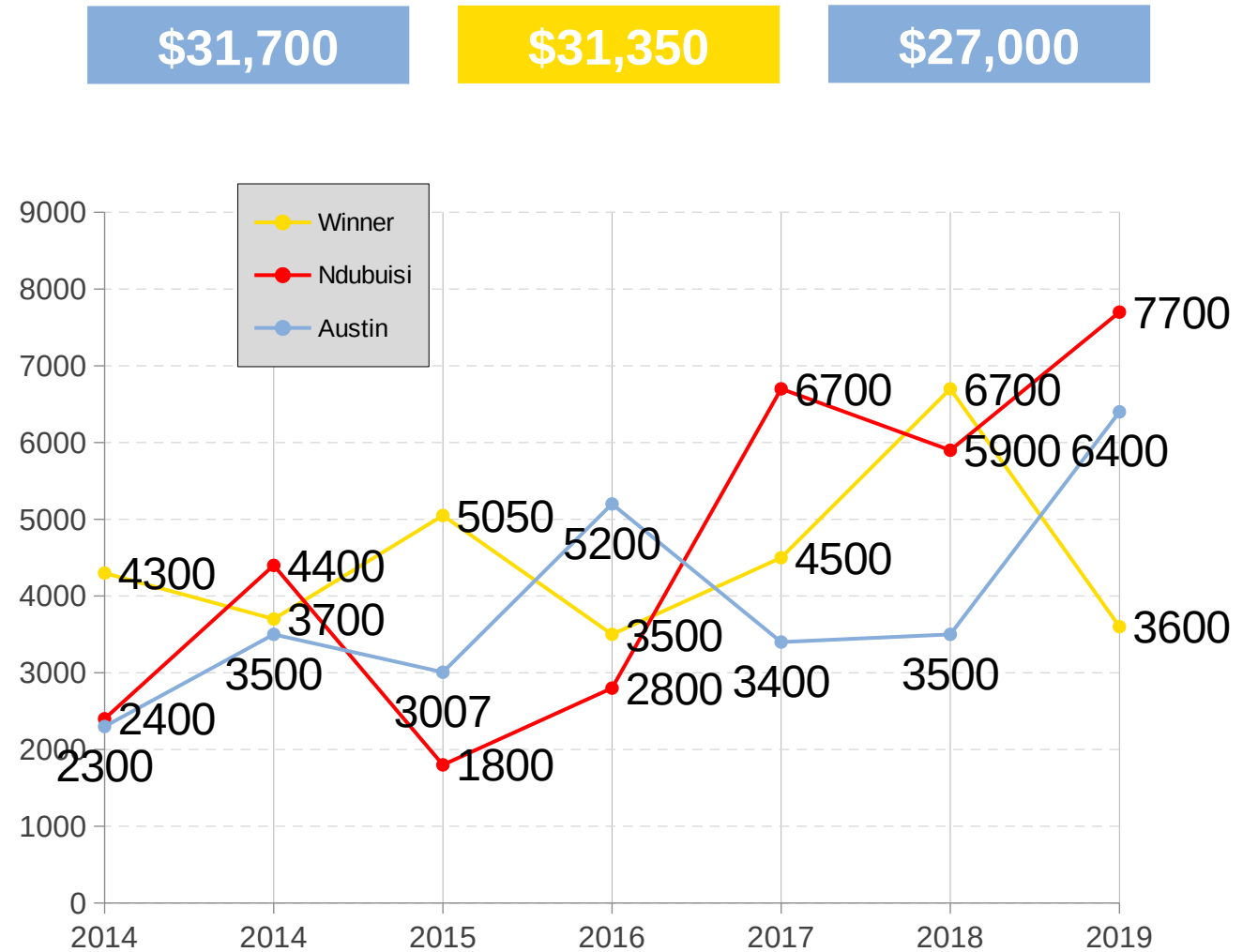
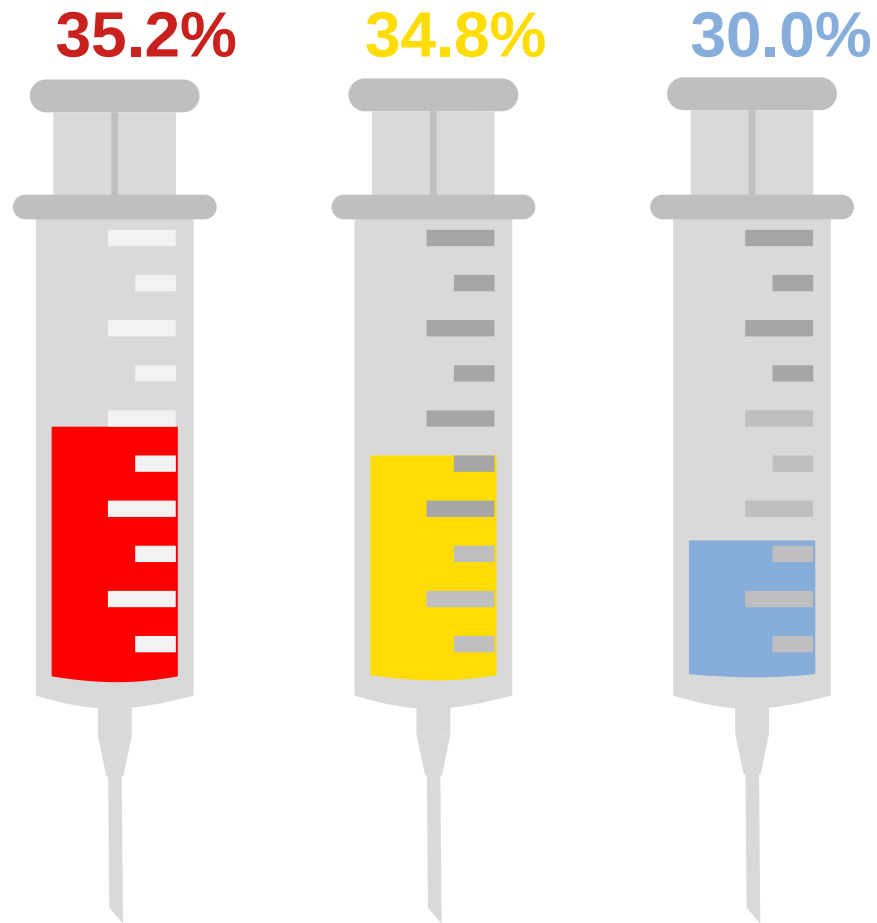
Analyzing these was the job of: boring statisticians

Science

Determining what questions can be answered with data and what are the best datasets for answering them.

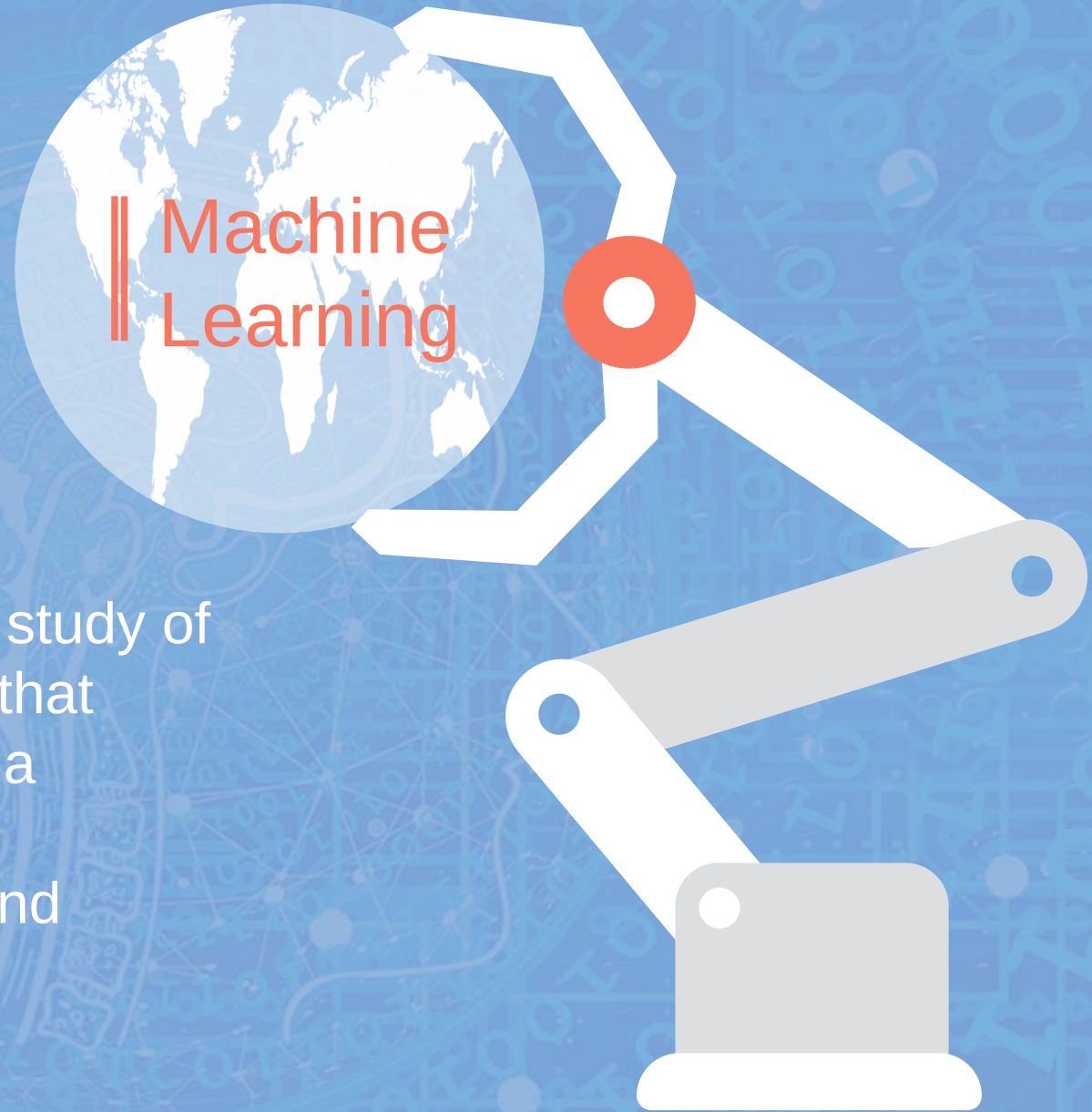


AI VISUALISATION



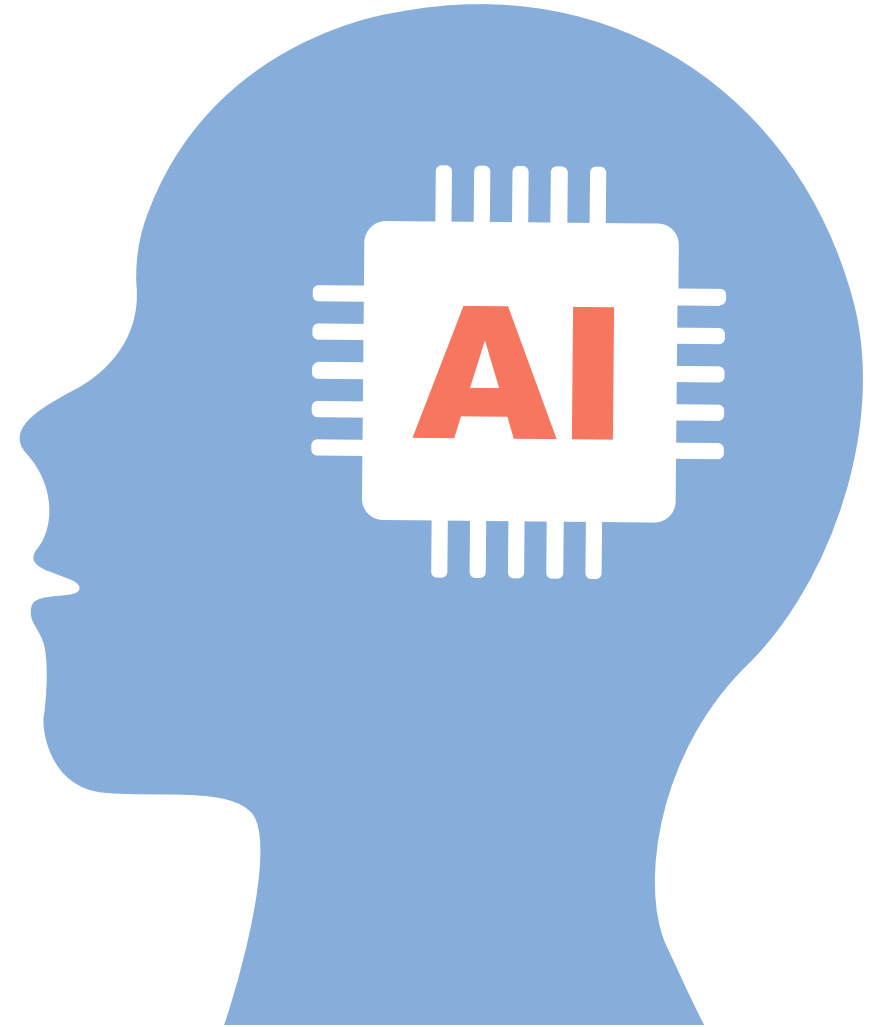
What **is** Machine Learning

Machine learning is the *scientific* study of algorithms and statistical *models* that computer systems use to perform a specific task without using explicit instructions, relying on *patterns* and *inference* instead.

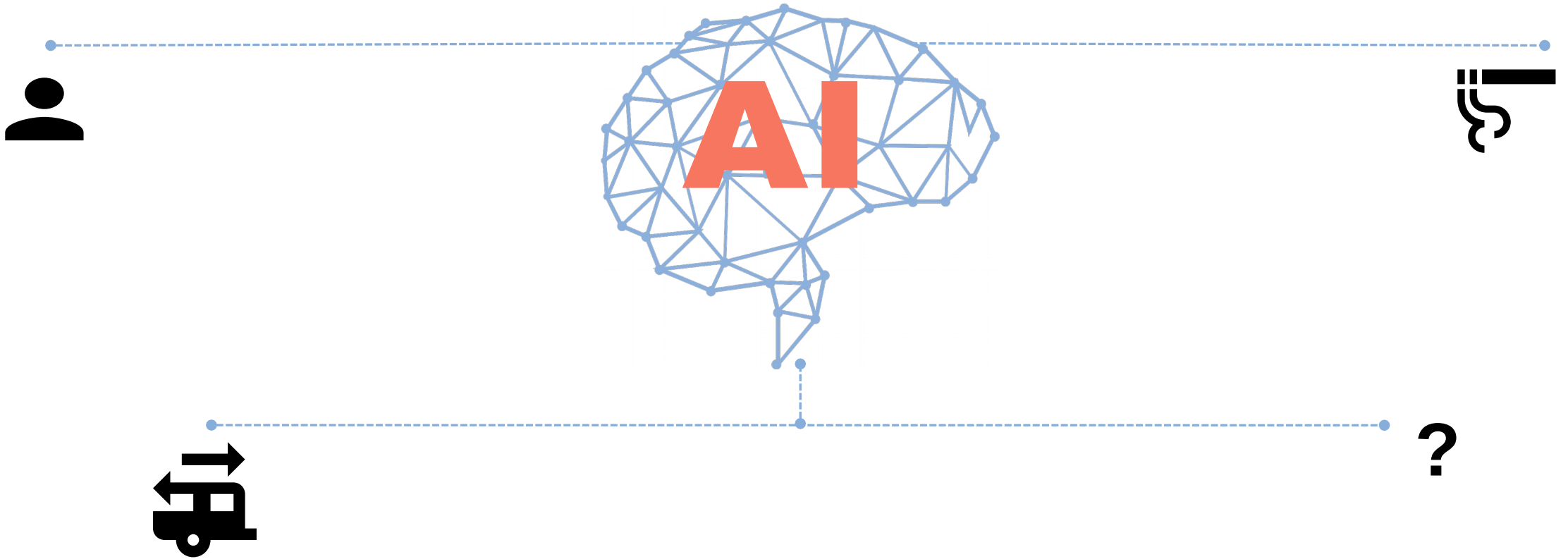


ARTIFICIAL INTELLIGENCE

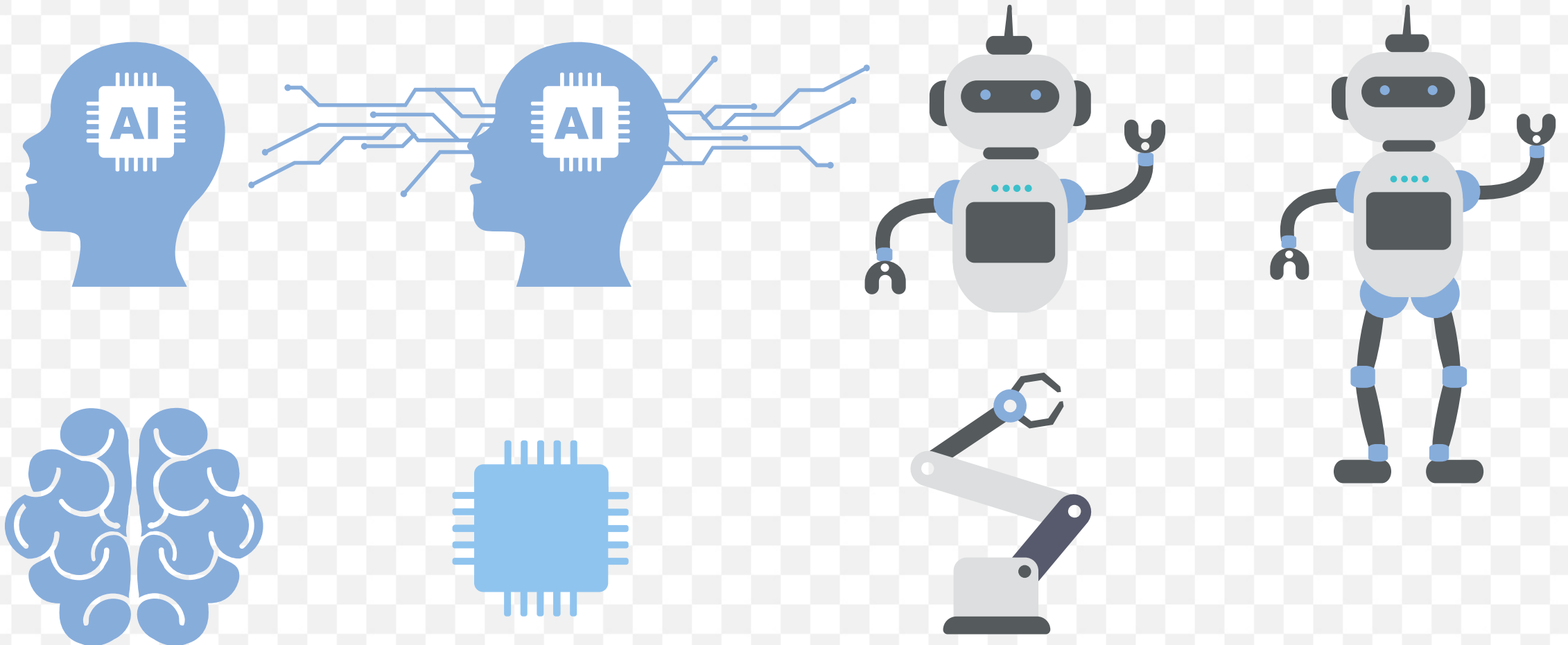
Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. Machine learning focuses on the development of computer programs that can access data and use it learn for themselves.



Info-graphic Style



What's going on?





Thank You

Make a new System Friend Today