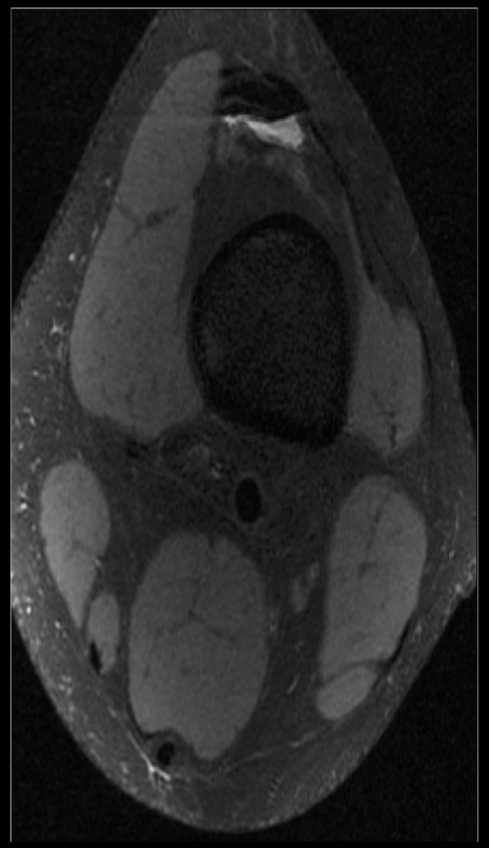
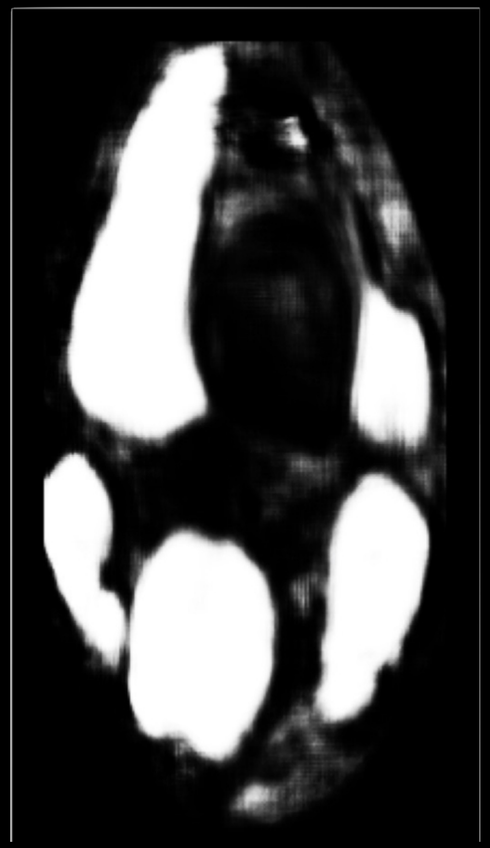
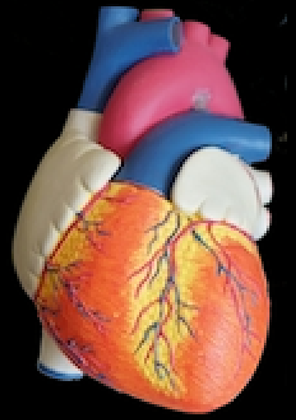
INTRO TILL AI



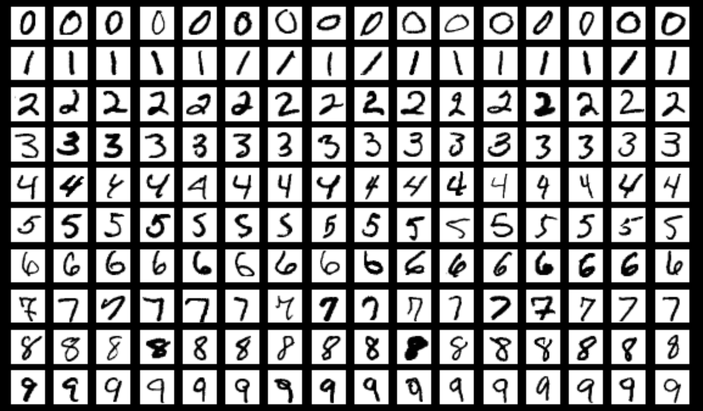


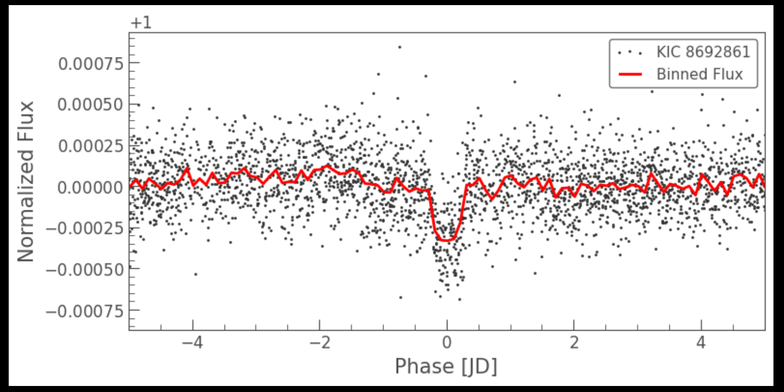
Ads/Social media

Diagnostics



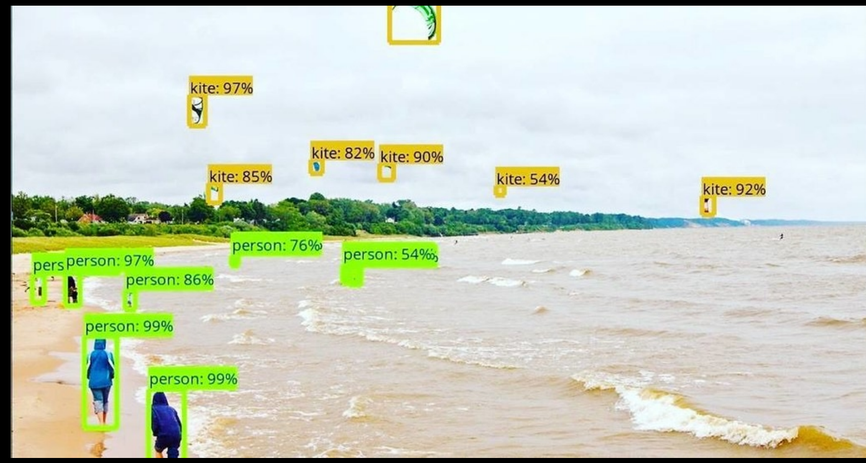
Automation

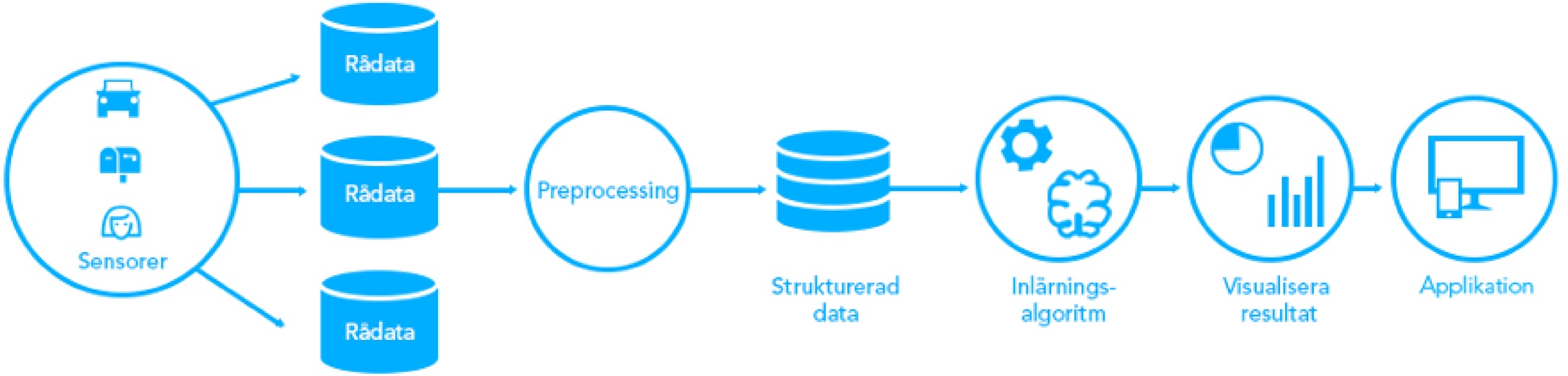




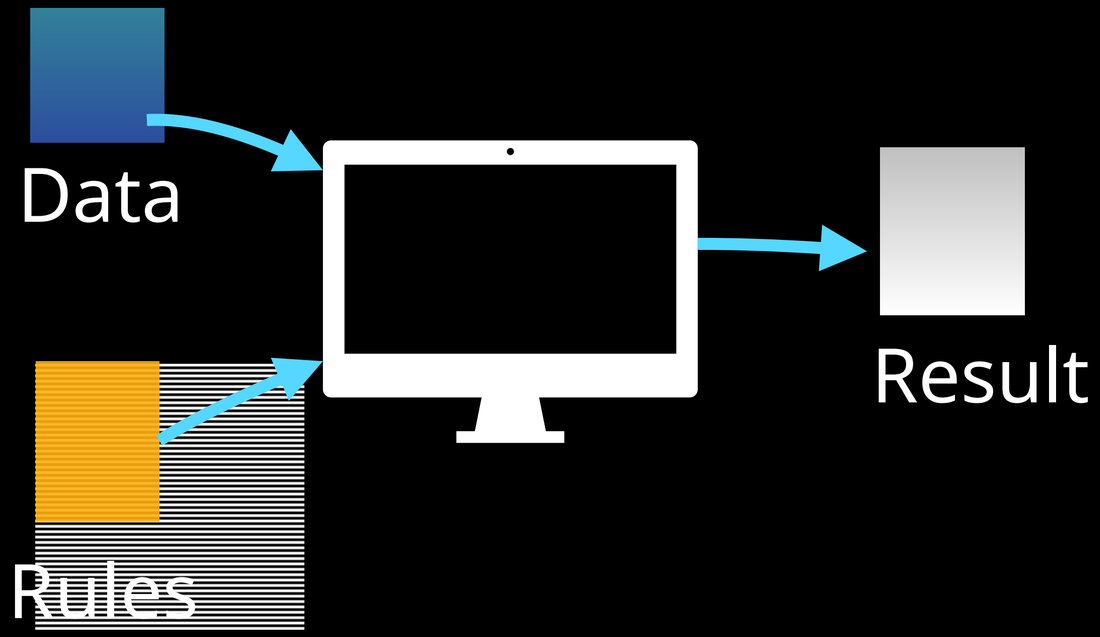
Science

Computer vision

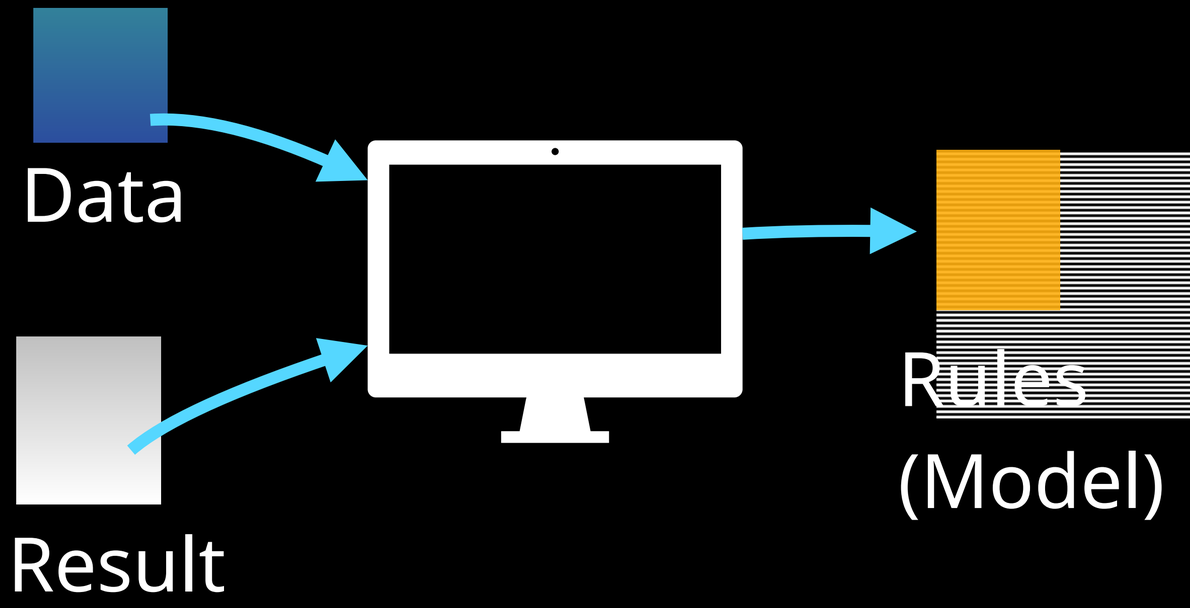



Rådata
Rådata
Rådata
Sensorer
Preprocessing
Strukturerad data
Inlärnings-algoritm
Visualisera resultat
Applikation

Deductive



Inferential



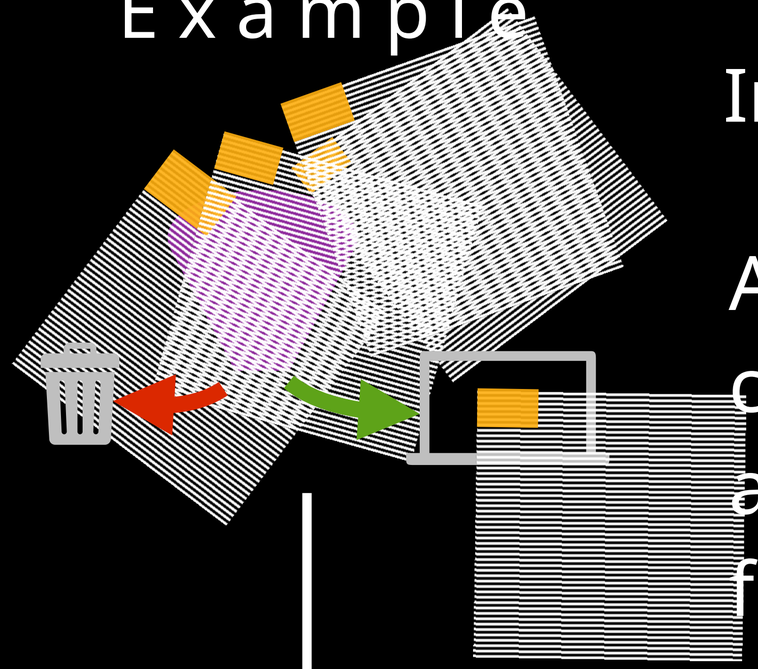
Example

Deductive

Spam if these phrases exists in the mail:

- viagra
- credit card
- Inherit bitcoin
- …

Long list of rules
What happens if spammer changes spelling? e.g. B1tcoin



Inferential

Automatically finds the changes since they also become more frequently flagged by users —> inferred from training data

AI types

"NARROW AI"
MACHINE INTELLIGENCE

"WEAK AI"
"STRONG AI"

AGI
"SUPER-INTELLIGENCE"

SOLVING TASKS

SELF-IMPROVING?
CONSCIOUS?
QUALIA?

SCI-FI

DRIVE CAR

PLAY GO

EMOTION

WEATHER

CONQUER THE WORLD

NATURAL LANGUAGE SPEECH

AFFECT

IMAGE RECOGNITION

ML and DL categories

SUPERVISED

LABEL DATA

PREDICTION

UNSUPERVISED

NO LABELS

FIND STRUCTURE IN DATA

REINFORCEMENT

DECISION PROCESS

REWARD

LEARN ACTIONS

EVOLUTIONARY

SURVIVE

REPRODUCE

MUTATE

Seminar task

Choose one AI application in the market today and create a presentation about this application.