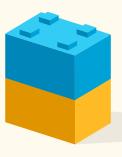
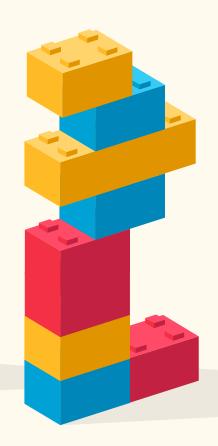
LEGO CITY PLANNER

Hannes, Jef & Jorre

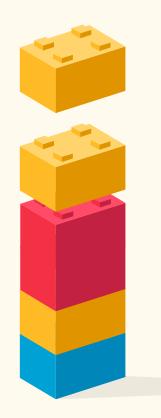


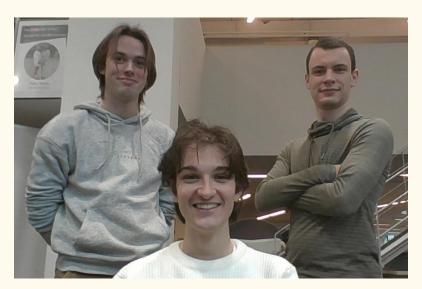








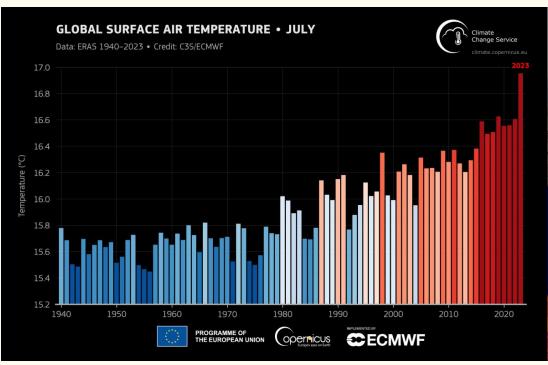


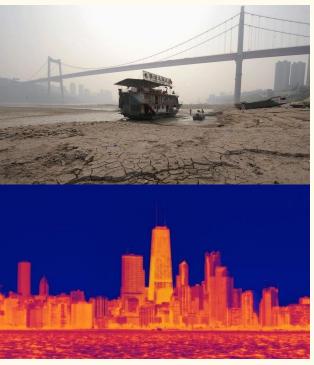


HANNES JEF JORRE

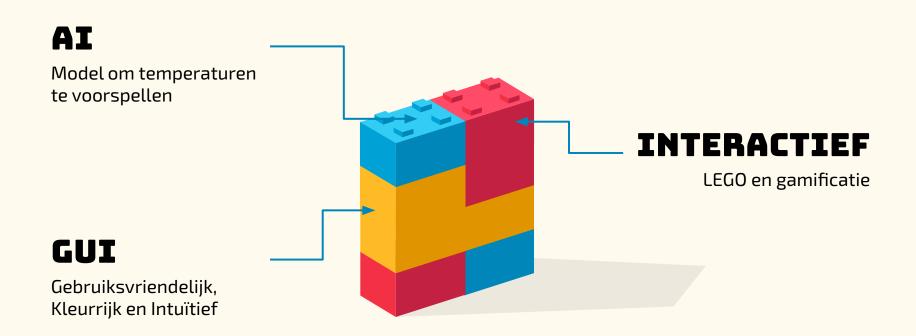


KLIMAAT

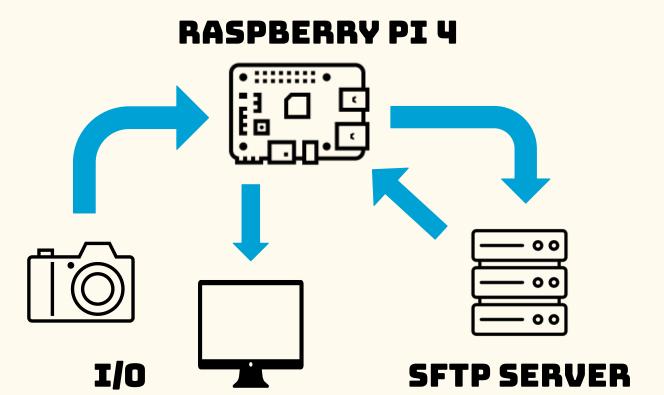


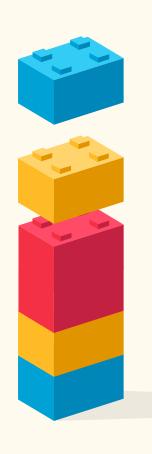


LEGO CITY PLANNER



ARCHITECTUUR





FRAMEWORKS & LIBRARIES

OPENCU

Computer Vision

SKLEARN

Machine learning

NUMPY

Matrix operaties

TTKINTER

GUI

SEABORN

Heatmap

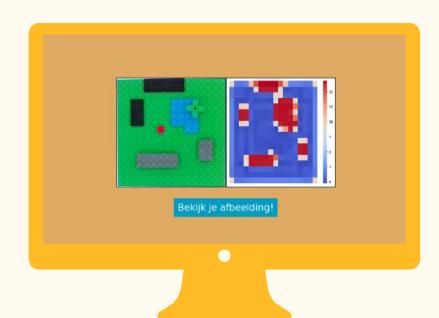
PARAMIKO

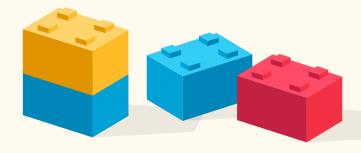
Connectie met server





DEMO





KLEUREN

Van afbeelding Naar matrix **MODEL INPUT**

6 matrices

01

02

03

04

TRANSFORMATIE

Roteren, transleren en bijsnijden

KERNEL





KLEUREN

Van afbeelding Naar matrix

MODEL INPUT

6 matrices

01

02

03

04

TRANSFORMATIE

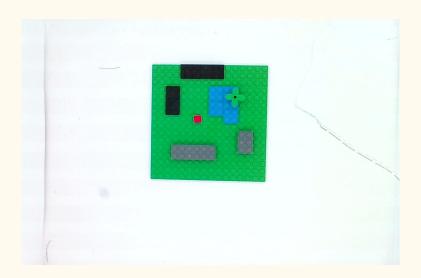
Roteren, transleren en bijsnijden

KERNEL

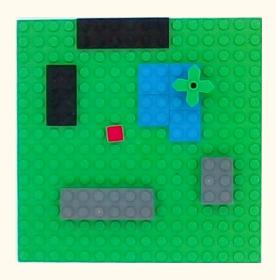




TRANSFORMATIE









KLEUREN

Van afbeelding Naar matrix

MODEL INPUT

6 matrices

01

02

03

04

TRANSFORMATIE

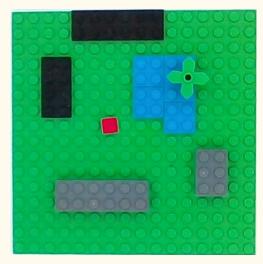
Roteren, transleren en bijsnijden

KERNEL

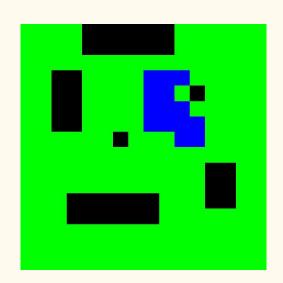




KLEUREN









KLEUREN

Van afbeelding Naar matrix

MODEL INPUT

6 matrices

01

02

03

04

TRANSFORMATIE

Roteren, transleren en bijsnijden

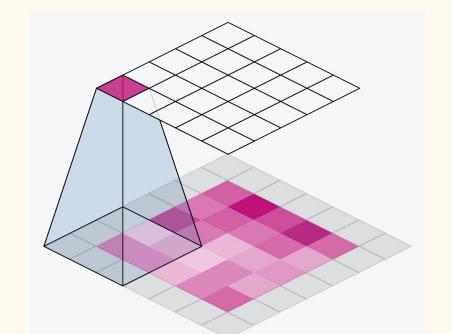
KERNEL

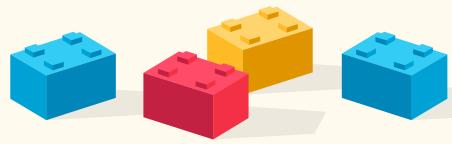




KERNEL

Sum Pooling





KLEUREN

Van afbeelding Naar matrix

MODEL INPUT

6 matrices

01

02

03

04

TRANSFORMATIE

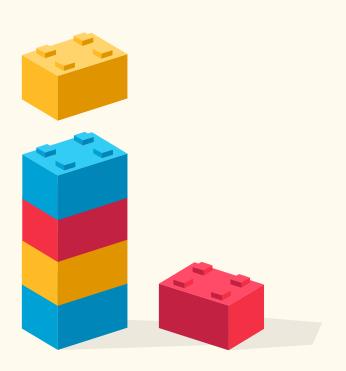
Roteren, transleren en bijsnijden

KERNEL





MODEL INPUTS



STADSINFORMATIE

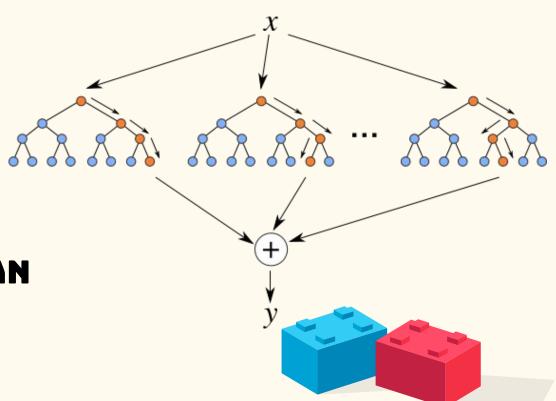
Percentages water, vegetatie, beton

EXTRA WEERINFORMATIE

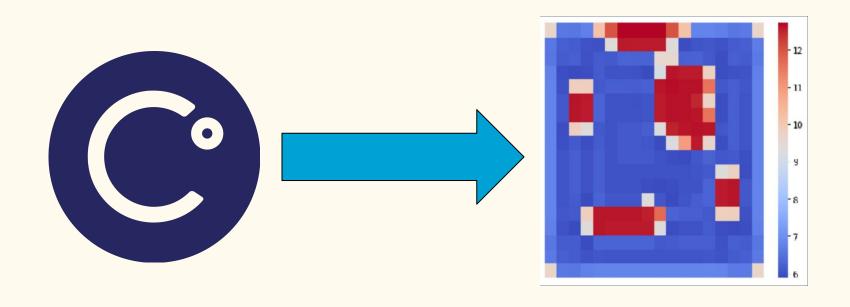
Temperatuur, windsnelheid, etc.

AI MODEL

- RANDOM
- FOREST MODEL
- RMSE ± 1°C
- MET DANK AAN ANDREI

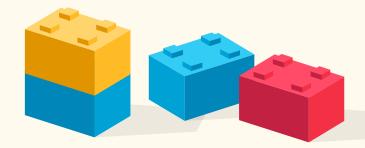


MODEL OUTPUT



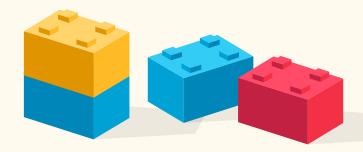
UPLOAD EN QR-CODE





DEMO

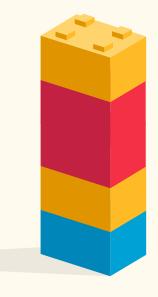




TERUGBLIK









DANKU

Zijn er nog vragen? Met dank aan:





