

A close-up, slightly angled view of the Pepper robot's head and upper torso. The robot has a white, rounded head with large, expressive blue eyes and a small, dark, circular sensor on its forehead. Its mouth is a simple, curved line. The robot's shoulders and upper arms are visible, showing a light blue glow on the shoulder joint. The background is a plain, light gray.

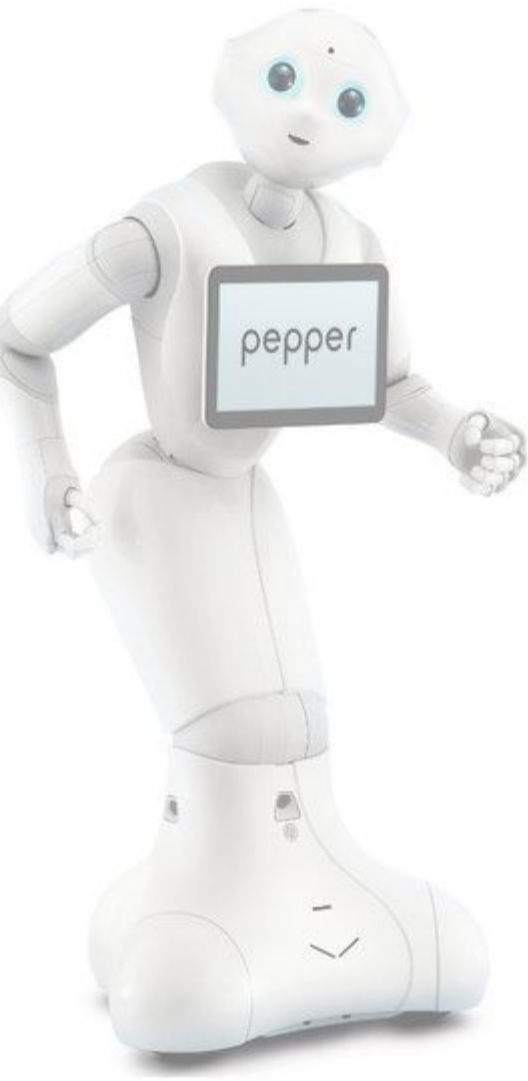
Kinecting Pepper

Een onderzoek naar de mogelijkheden van
robot Pepper Kinect

Team Pepper

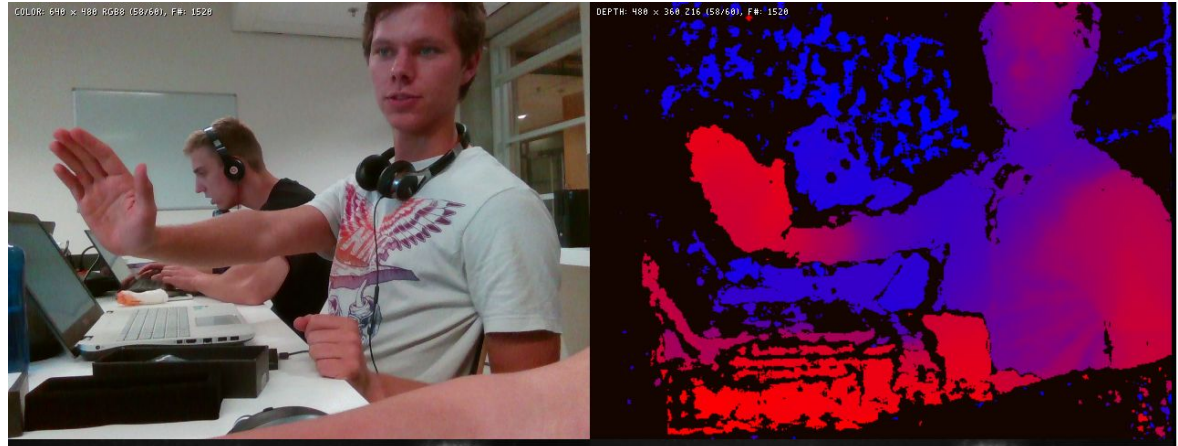
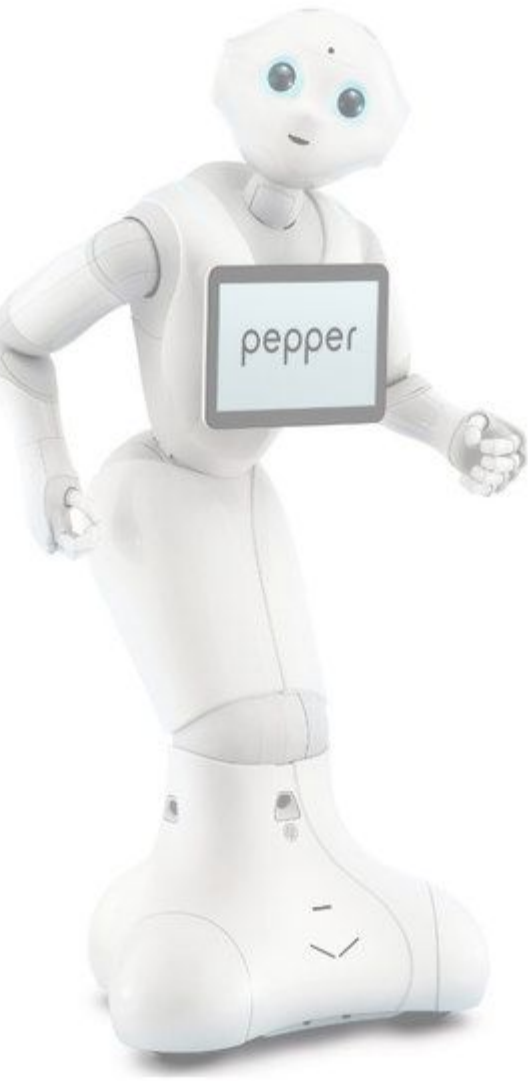


Wat houdt ons project in



- Artsen assisteren bij vaststellen beweeglijkheid schouder met behulp van een diepte camera
- Schouderbewegingen van schouderpatiënten opnemen

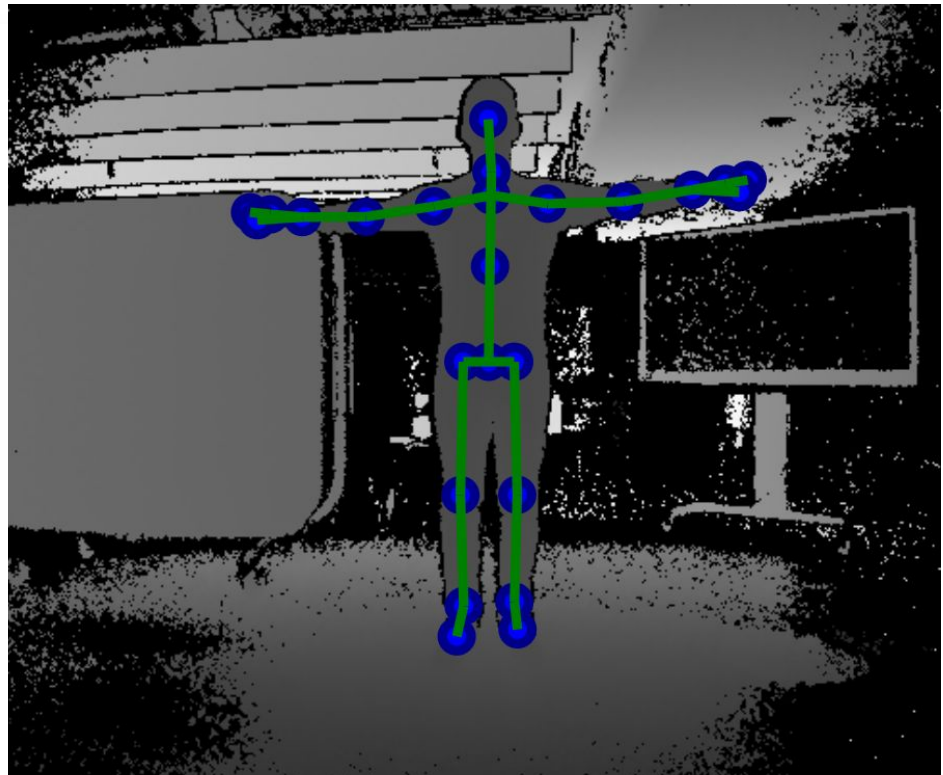
Pepper



- Realsense camera
- Ondersteuning gestopt

Kinect

- Microsoft Kinect
- Kinect SDK heeft meer ondersteuning

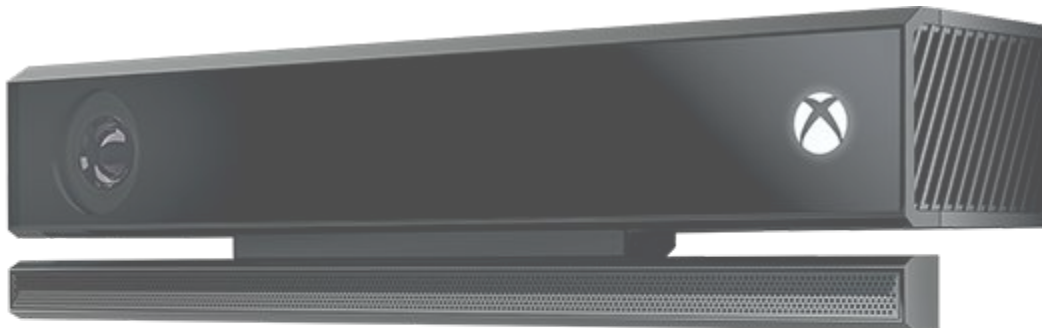
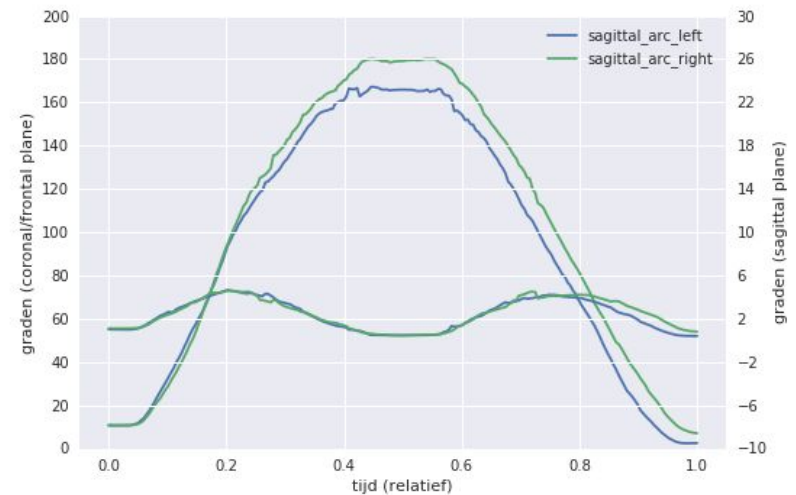
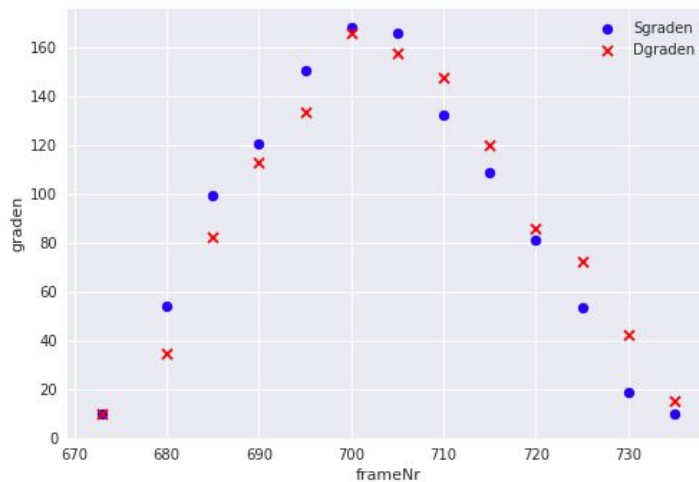


Werken met Kinect

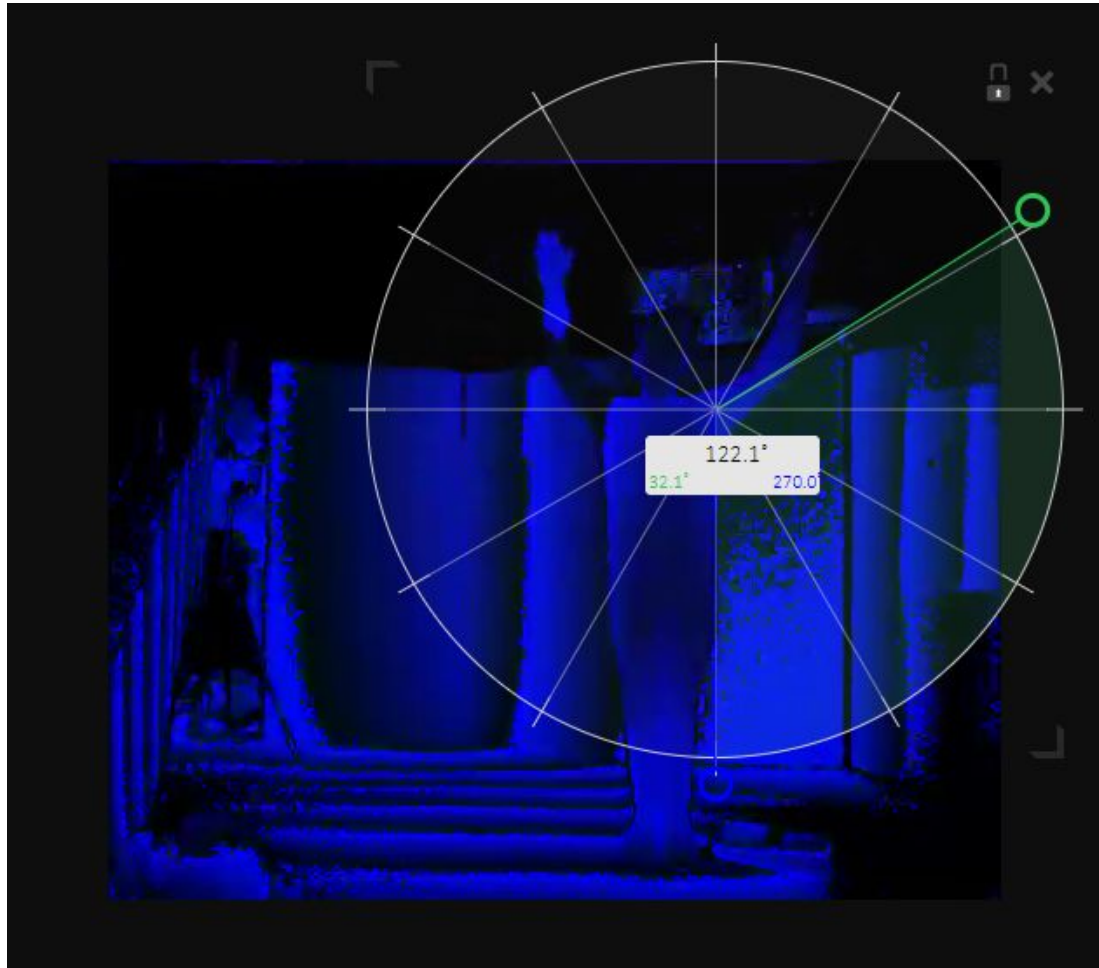


Wat hebben wij de afgelopen week gedaan

- Data exploration & validation



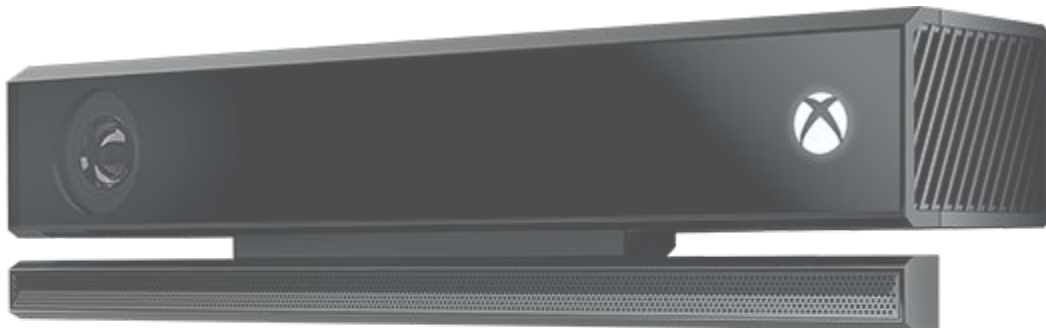
Validatie



- Handmatig hoeken berekenen
- Chrome plugin

Waar gaan wij naartoe

- Verder met data exploration & validation
- Maat van symmetrie
- Patiënten dataset proberen te verkrijgen



Vragen?

