



Inform Norden

The Neural Neighborhood

- Daði Áslaugarson



If HAL-9000
Was Alexa





Is the Smart City Smart?



Smart cars



Smart traffic



Smart lighting



Smart road system



Smart traffic signals



Smart weather forecast



Smart garbage collection



Smart public transportation



Smart content on Social Media

And all the other **Smart** stuff that's coming up

Smart - Google Search


https://www.google.com/search?q=smart&source=Inms&tbn=isch&sa=X&ved=0ahUKewjVme-Kjl3eAhWLBx0KHZfkCkgQ_AUIDygC&biw=1440&bih=706

Google smart


All Maps **Images** News Videos More Settings Tools

View saved SafeSearch


logo new splendor car roadster **SMART** telecom mercedes black bike electric




smart fortwo | prime | smart United Kingdom
smart.com




Smart ForTwo Recall | Fire Risk ...
consumerreports.org




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smart.com




New & Used smart cars for sale in ...
landiautomotive.co.uk




Smart Forfour - Wikipedia
en.wikipedia.org




mini electric cars and micro urban cars ...
smartusa.com




Smart Vision EQ makes public debut ...
autocar.co.uk








File:Smart Vision EQ Fortwo, Frankfurt ...
commons.wikimedia.org



smart EQ fortwo nightsky edition ...
smart.com



Smart Fortwo - Wikipedia
en.wikipedia.org


Smart, but ...
not



Serves one purpose

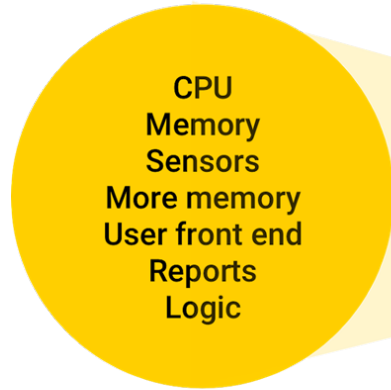
Is single minded

Is not insightful

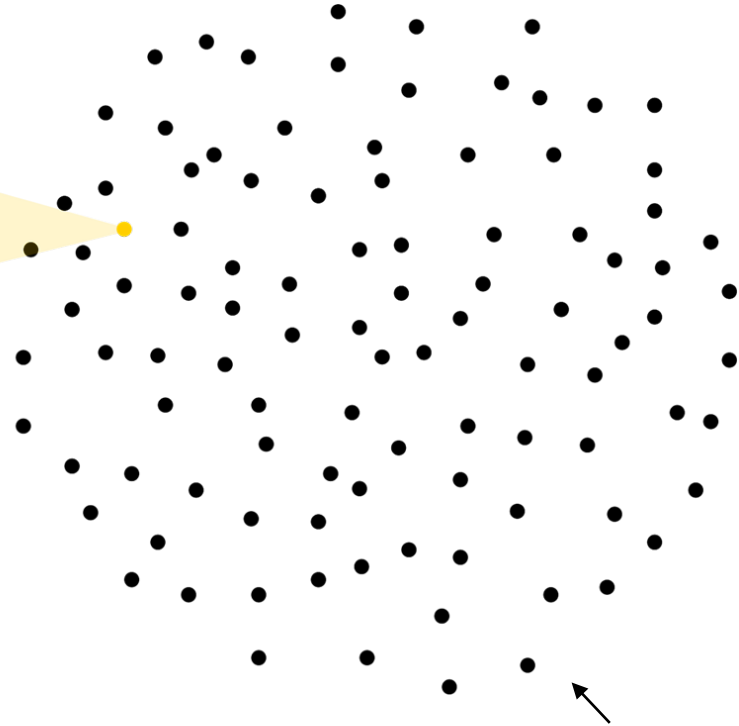
Is isolated (even in a group)

A myth that is really, really **hard to kill**

IT structure in a city:

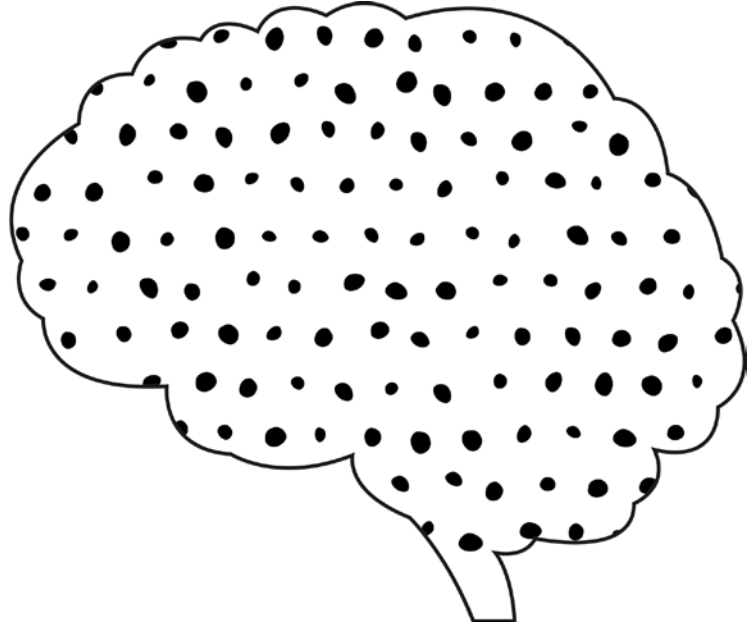


The garbage
collection system
(or something)



The equivalent brain:

This brain is not very useful
(but possibly has its grand moments)



The **mistakes** I am already making



A robot is not a man made
with computers.



AI will not be a man's mind
made with computers.

Problem: We don't have any other
reference than ourselves...



Intelligent cities - how?

INTELLIGENT THINGS HAVE TO HAVE THIS:

Connectivity

Shared Standard Memory

Communication with humans

Insight based decision making

IN THE GREAT LANGUAGE OF NERD:



(Neural) Networks



Big Data & Cache

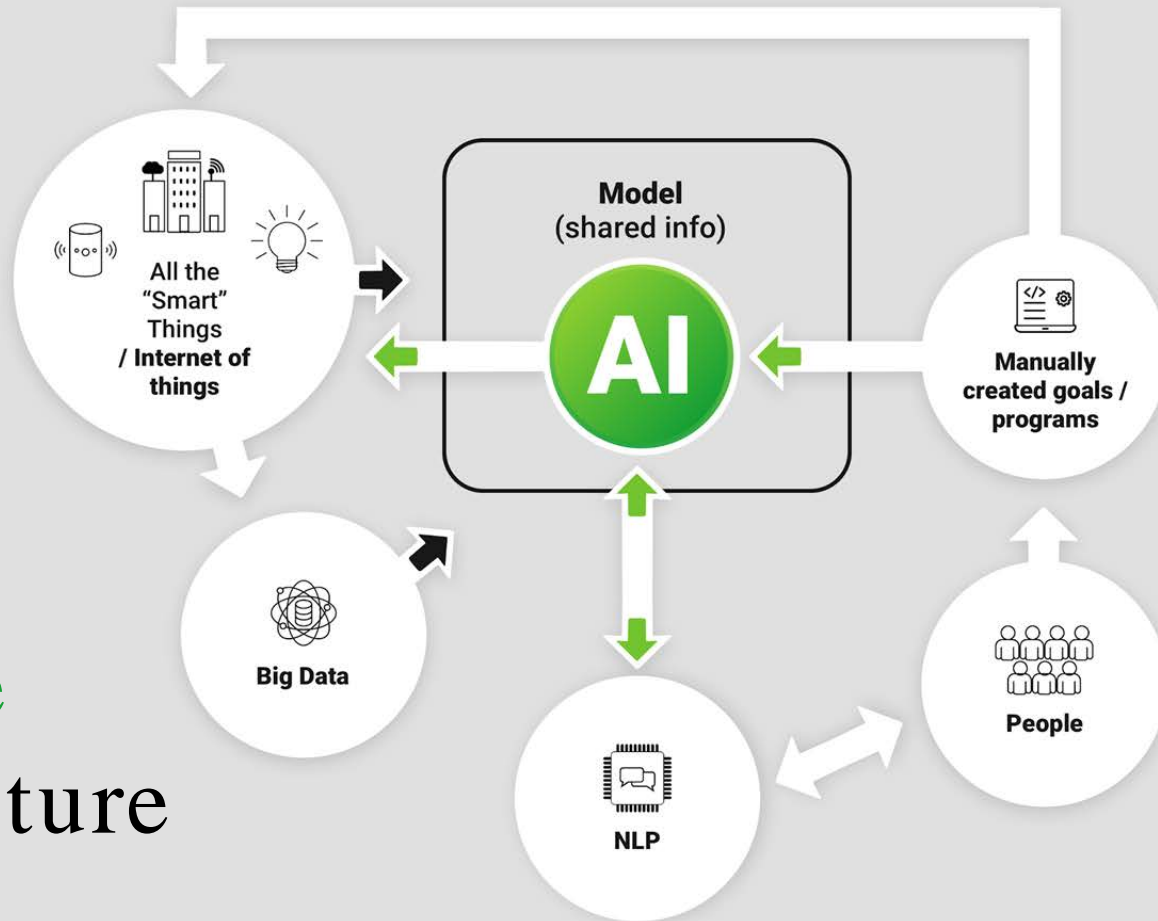


N.L.P.

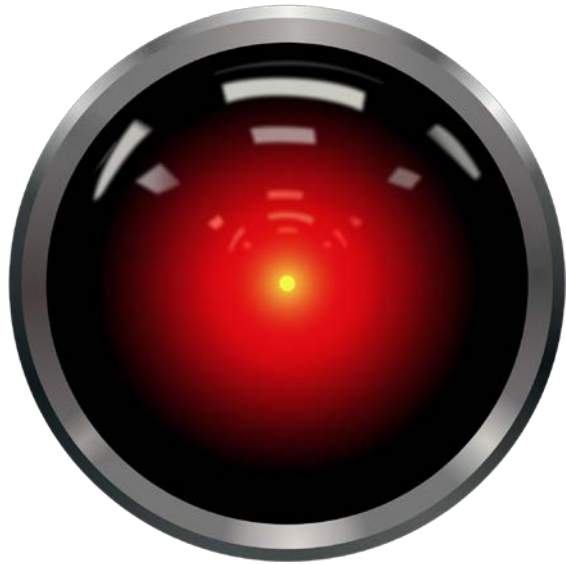


A.I.

Possible Architecture



Can a City become Hal 9000?



Senses (input)



Cognition (processing)



Expression (output)

Cognitive processes use existing knowledge to generate new knowledge.

What I'm trying to say

(and probably could have saved you a lot of time by just saying it on the first slide)

- ★ A city is currently the smallest IT entity that can become “conscious”
- ★ What is its purpose?
- ★ I don't know if this is a good thing or bad.
- ★ This will not happen in the year 2001.

Thank you