## intelligenza artificiale e smart data factory

Marco Montali



Open day for schools, NOI Techpark, 18/11/2022



Douglas R. Hofstadter

Gödel, Escher, Bach: un'Eterna Ghirlanda Brillante









# "Intelligenza" Artificiale



#### Intelligenza o muscoli?



1996: IBM DeepBlue batte il campione mondiale di scacchi Kasparov

2016: DeepMind AlphaGo batte uno dei massimi campioni mondiali di Go





























DOMO

Case id	Event id	Properties				
		Timestamp	Activity	Resource	Cost	•••
1	35654423	30-12-2010:11.02	register request	Pete	50	• • •
	35654424	31-12-2010:10.06	examine thoroughly	Sue	400	•••
	35654425	05-01-2011:15.12	check ticket	Mike	100	•••
	35654426	06-01-2011:11.18	decide	Sara	200	•••
	35654427	07-01-2011:14.24	reject request	Pete	200	•••
2	35654483	30-12-2010:11.32	register request	Mike	50	•••
	35654485	30-12-2010:12.12	check ticket	Mike	100	•••
	35654487	30-12-2010:14.16	examine casually	Pete	400	•••
	35654488	05-01-2011:11.22	decide	Sara	200	• • •
	35654489	08-01-2011:12.05	pay compensation	Ellen	200	
3	35654521	30-12-2010:14.32	register request	Pete	50	
	35654522	30-12-2010:15.06	examine casually	Mike	400	•••
	35654524	30-12-2010:16.34	check ticket	Ellen	100	•••
	35654525	06-01-2011:09.18	decide	Sara	200	•••
	35654526	06-01-2011:12.18	reinitiate request	Sara	200	• • •
	35654527	06-01-2011:13.06	examine thoroughly	Sean	400	•••
	35654530	08-01-2011:11.43	check ticket	Pete	100	





#### Artist Shows Google Maps' Control over Our Lives by Creating a Fake Traffic Jam

Turning a green road red-which encourages people to go drive on some other road-is a pretty easy hack that proves a point, and this guy did it with nothing but a wagon full of smartphones.



 Berlin artist Simon Weckert found a way to turn green streets into red on the Google Maps app to discourage app users from going there, thereby sharply reducing traffic on those streets at will.



NewScientist

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## Glasses make face recognition tech think you're Milla Jovovich



TECHNOLOGY 1 November 2016

By Timothy Revell



Glasses: the perfect disguise Hulton-Deutsch Collection/Corbis/Corbis via Getty

Those new glasses make you look completely different – especially to face recognition software.



















Bernard Parker, left, was rated high risk; Dylan Fugett was rated low risk. (Josh Ritchie for ProPublica)

#### **Machine Bias**

There's software used across the country to predict future criminals. And it's biased against blacks.

by Julia Angwin, Jeff Larson, Surya Mattu and Lauren Kirchner, ProPublica May 23, 2016

#### https://mobile.twitter.com/abidlabs/status/1291165311329341440



unibz



#### SMART DATA FACTORY The Faculty of Computer Science at NOI techpark



#### **SDF** team



Diego Calvanese Director



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Alan laneselli Computational Biophysics



Alessandro Mosca Knowledge Representation and Databases



Floriano Zini Smart Health

#### Sviluppare assieme...

