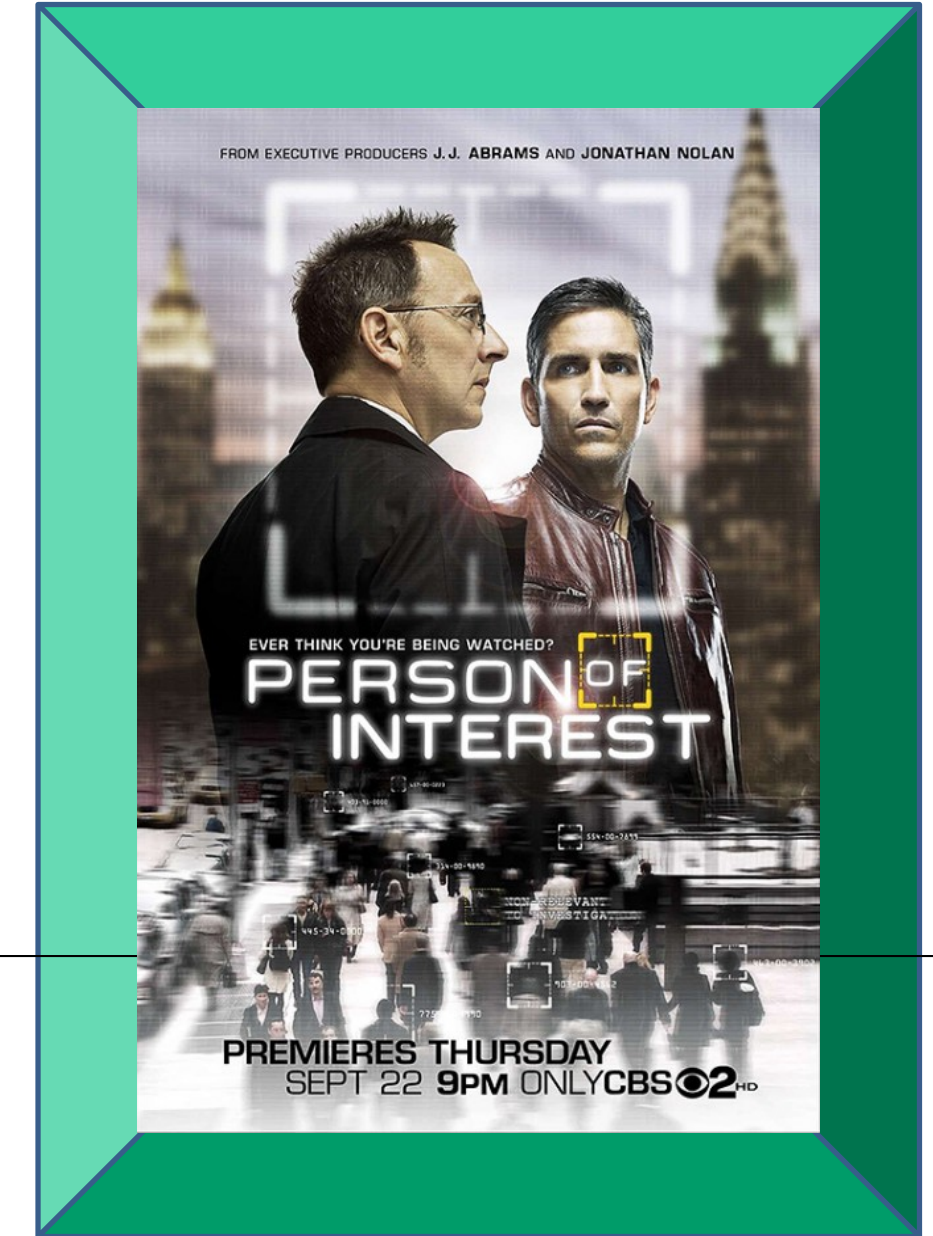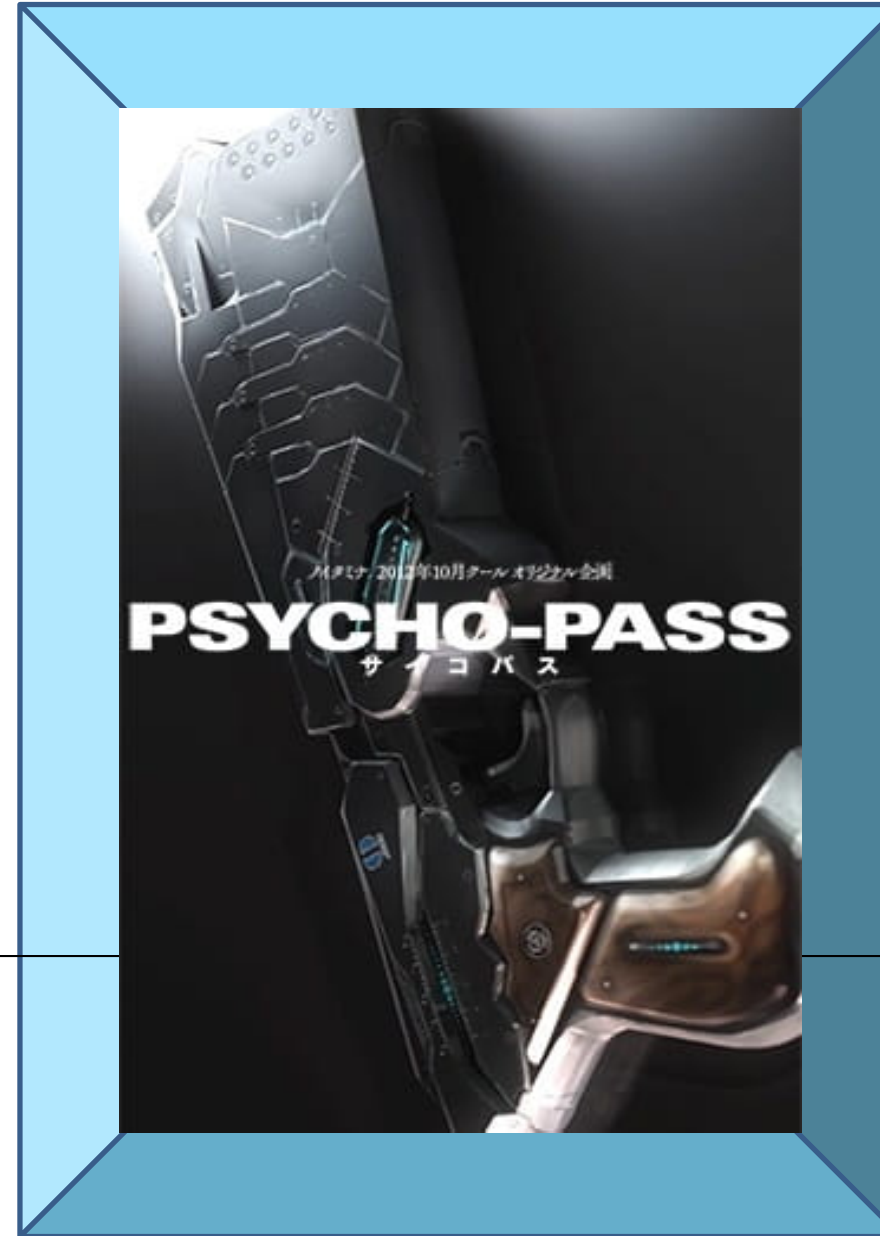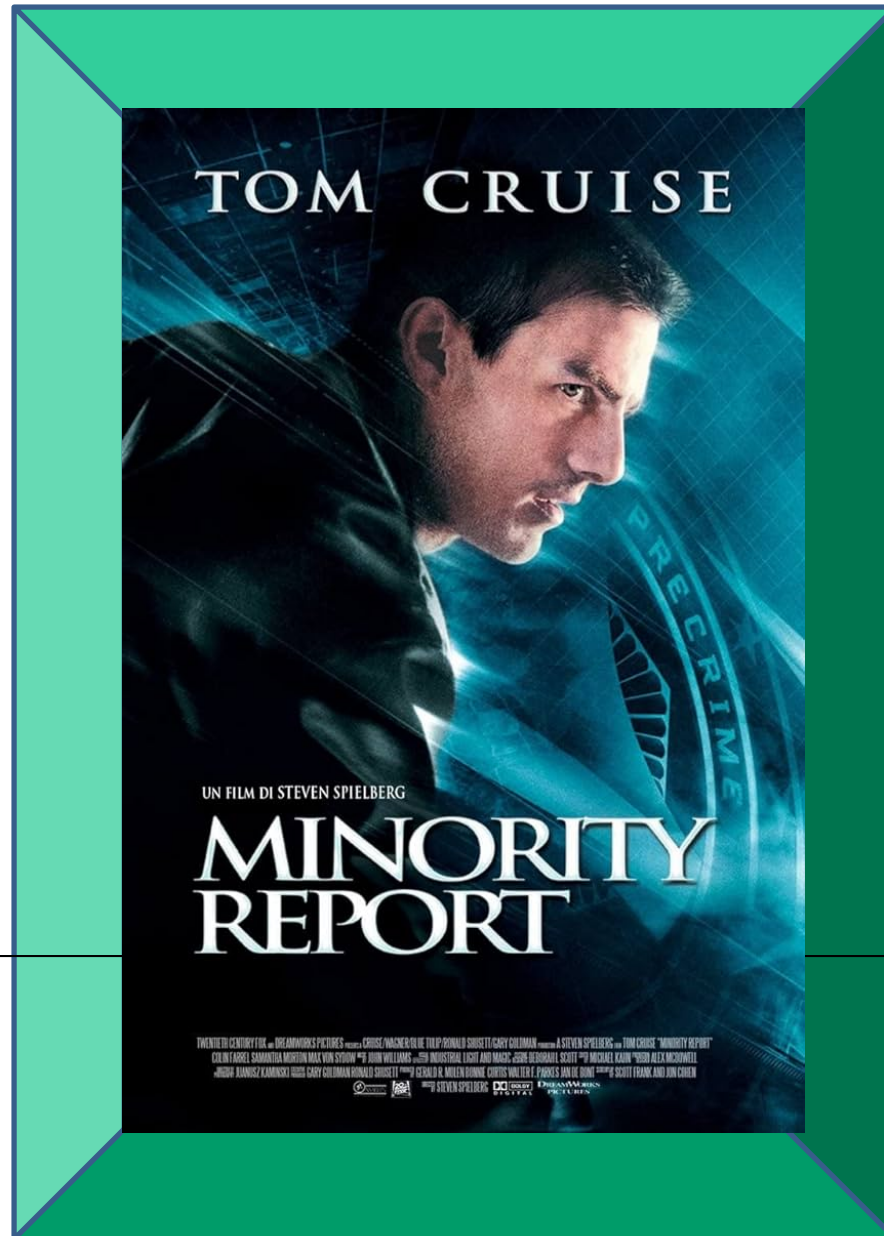**Predictive Policing**

Definition

Predictive policing is the application of analytical techniques to identify high-risk targets for police intervention and prevent crime by making statistical predictions.

This concept was explored in many different books, movies, articles, animated series. Every occurrence of such an exploration brought with it a doubt about the feasibility of such a system.

LETS GET STARTED

Exploration Cases of Predictive Policing in Science Fiction

What domains and subdomains are best representative of predictive policing?

Perception
Computer vision

Learning
Machine learning

Reasoning
Inductive Reasoning
Statistical Reasoning

Planning
Planning and scheduling
Optimisation
Searching

Benefits

- Crime prevention

- Informed decision - making

- Advancement of the criminal justice system

- The progressive uses of predictive policing

Drawbacks

- Privacy concerns

- Lack of accuracy

- Discrimination

- Accountability

Feasibility

WE SENSE TROUBLE

AUTOMATED DISCRIMINATION AND MASS SURVEILLANCE IN PREDICTIVE POLICING IN THE NETHERLANDS

Any questions?

Sources:

- Halley, C. (2022). What happens when police use AI to predict and prevent crime? *JSTOR Daily*. https://daily.jstor.org/what-happens-when-police-use-ai-to-predict-and-prevent-crime/
- Michelle McQuigge, The Canadian Press. (2020, 1 september). Predictive policing tools use in Canada spark human rights concerns: report. *vancouversun*. https://vancouversun.com/news/local-news/predictive-policing-tools-use-in-canada-spark-human-rights-concerns-report
- Van Der Steen, P. (2023, 18 augustus). *De dubieuze jacht op 'mobiel banditisme' in het Koopwalhalla van Roermond - wordt vervolgd*. Amnesty International. https://www.amnesty.nl/wordt-vervolgd/criminaliteit-voorspellen-roermond-politie
- Bhuiyan, J., Levin, S., & Chang, A. (2021, 17 november). Revealed: the software that studies your Facebook friends to predict who may commit a crime. *the Guardian*. https://www.theguardian.com/us-news/2021/nov/17/police-surveillance-technology-voyager
- *Predictive Policing: Using technology to reduce crime*. (2017, 21 september). FBI: Law Enforcement Bulletin. https://leb.fbi.gov/articles/featured-articles/predictive-policing-using-technology-to-reduce-crime
- https://www.amnesty.nl/content/uploads/2020/09/Report-Predictive-Policing-RM-7.0-FINAL-TEXT_CK-2.pdf
- https://ggw.studenttheses.ub.rug.nl/405/1/1718-RCG%20%20WOERDEN,%20CL%20van,%20Ma-thesis.pdf
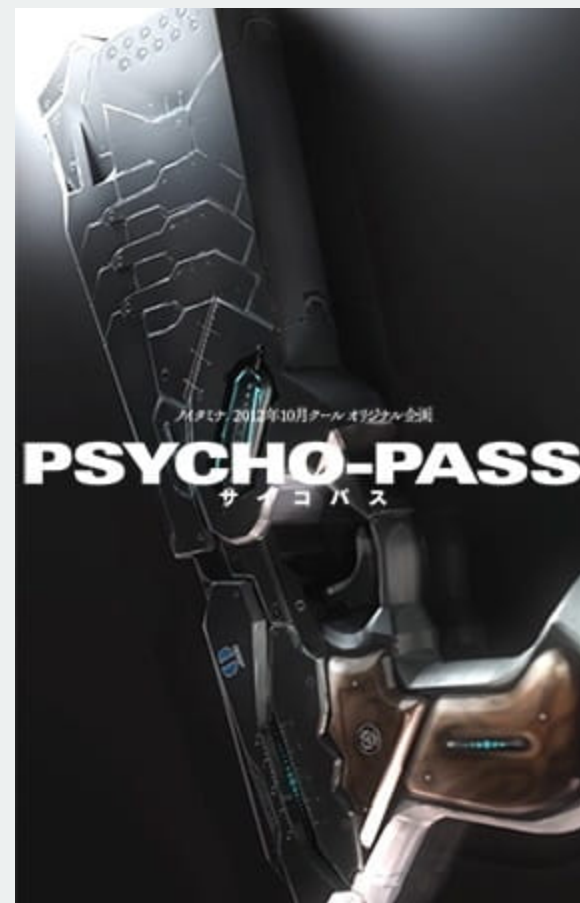
Good reads:

- Amnesty International report on use of Predictive Policing techniques in Roermond
- MA Thesis Charlotte van Woerden "PREDICTIVE POLICING A LEGAL AND ETHICAL EXPLORATION"
- Psycho Pass manhwa or watch the anime

WE SENSE TROUBLE
AUTOMATED DISCRIMINATION AND MASS SURVEILLANCE IN PREDICTIVE POLICING IN THE NETHERLANDS

AMNESTY INTERNATIONAL

PSYCHO-PASS

Thanks for watching!