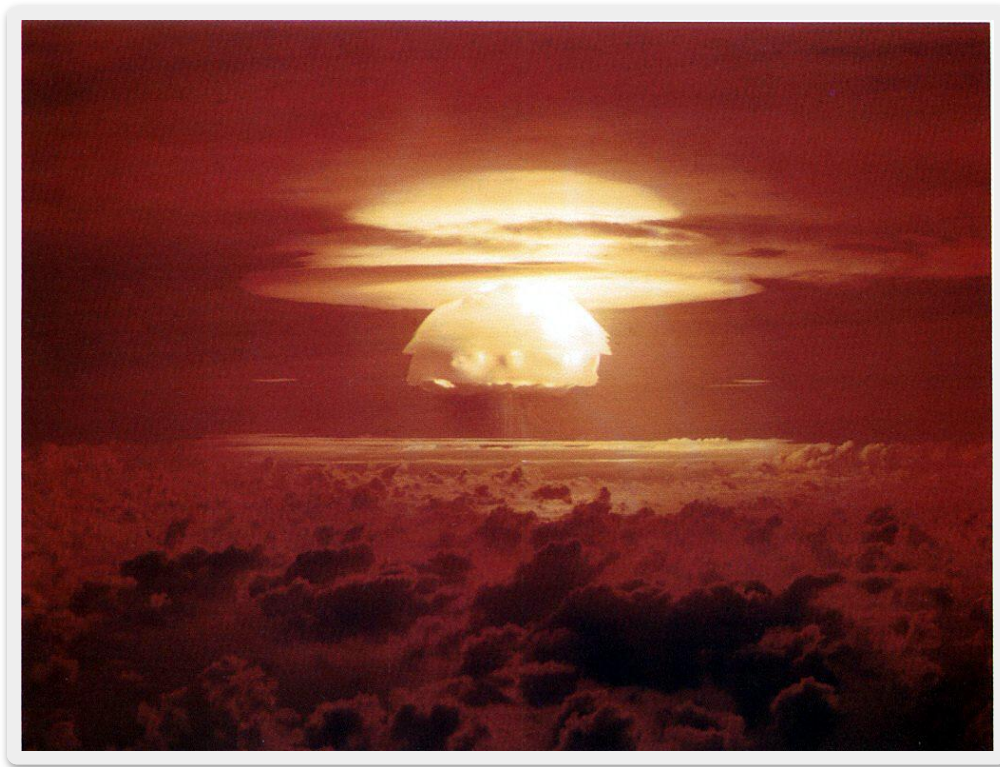


# *Science, Technology and Ethics*

*on knowledge and power*



George Matthews, Plymouth State University

2020



Francis Bacon  
1561-1626

*"Knowledge itself is power."*



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- Power to predict and control natural forces to ones own and humanity's advantage?



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- Power over those who lack knowledge that we have access to?



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*"Knowledge itself is power."*

- Power to predict and control natural forces to ones own and humanity's advantage?
- Power over those who lack knowledge that we have access to?
- How can we use the power that knowledge offers wisely and ethically?

## *Example 1: Surveillance*





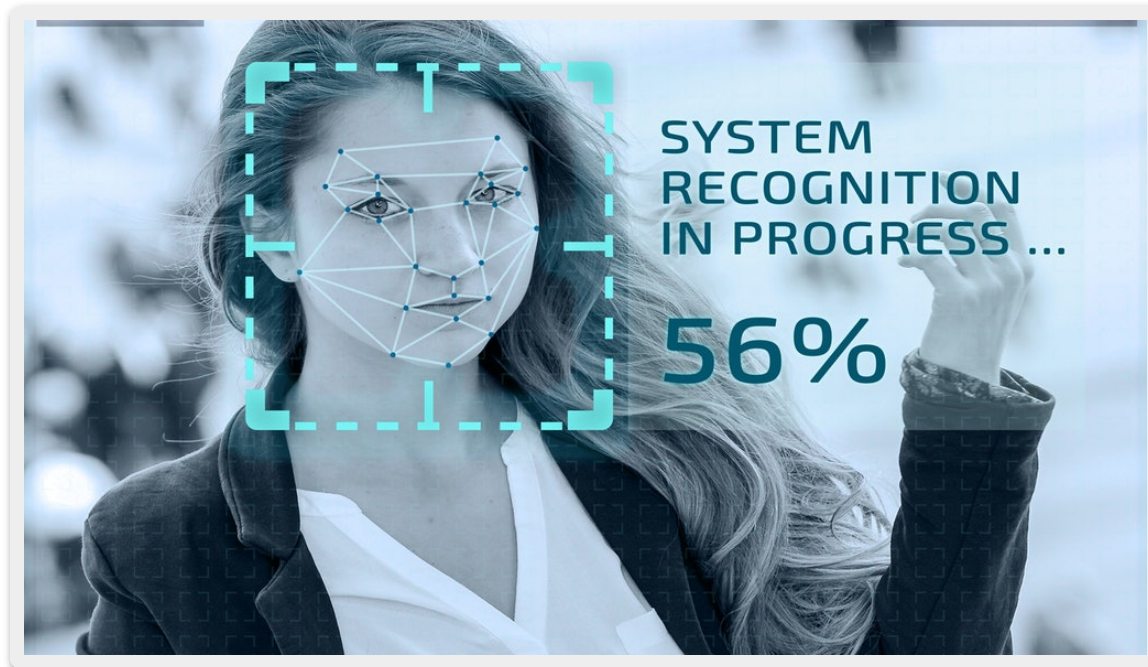
## *Example 1: Surveillance*



?

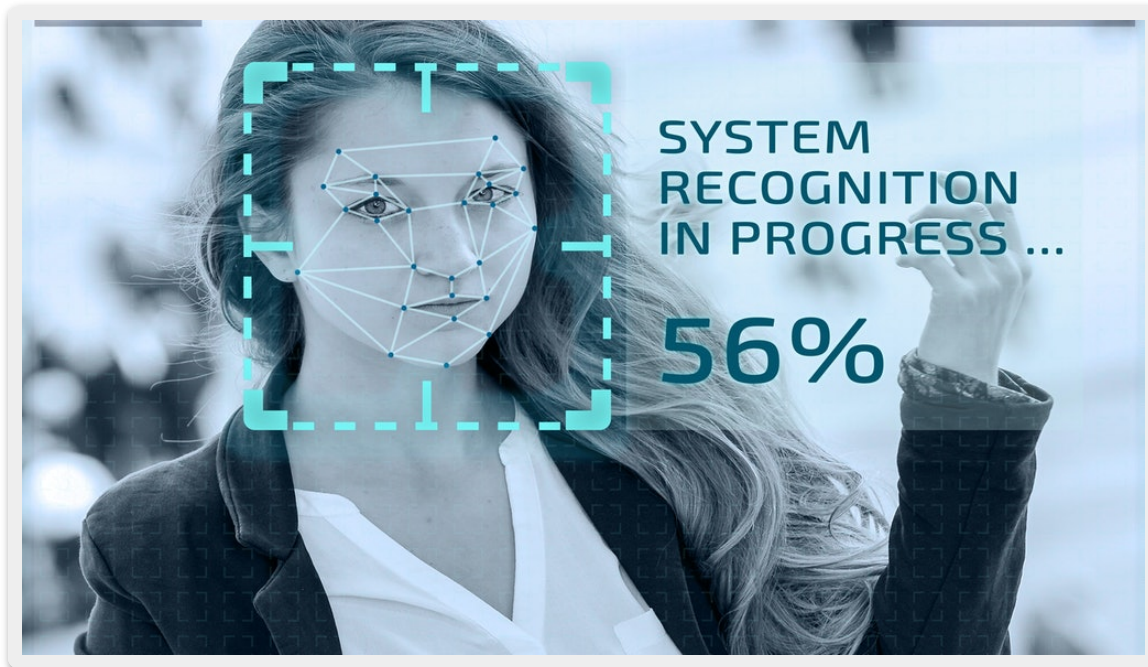
*Should I be concerned with being tracked and recorded if I am not doing anything wrong?*

## *Example 2: Facial Recognition Technology*



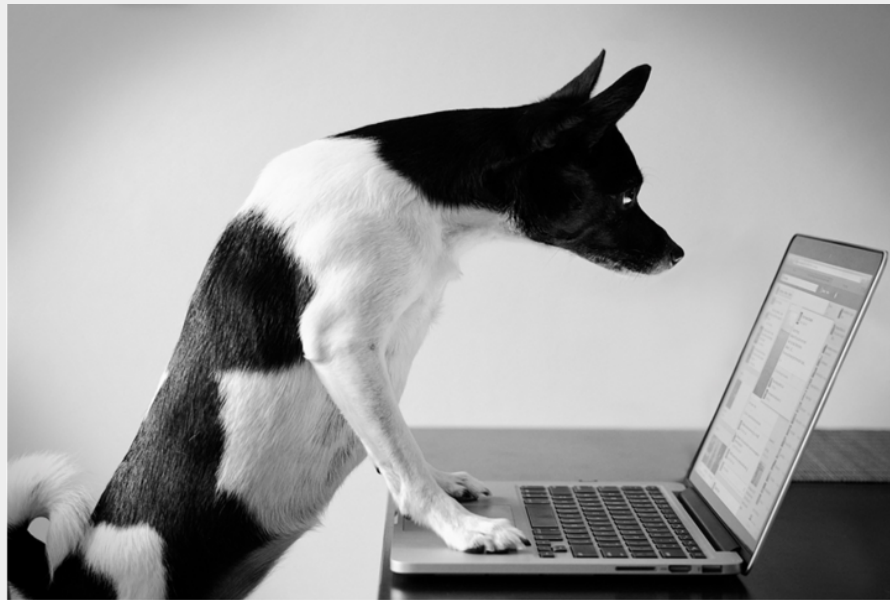


## *Example 2: Facial Recognition Technology*



*Do I have a right to obscurity in public places where I do not know anyone personally?*

### Example 3: Clickbait



## 7 Clickbait Advertisements You Won't Believe!

And we won't tell you more unless you click here right now.



2.7k Comments 11k Shares

## *Example 3: Clickbait*



?

*What are the social and political consequences of automated "content curation"?*

## *Example 4: Military Drones (UAV's)*



## *Example 4: Military Drones (UAV's)*



?

*Is it acceptable to deploy drones over countries with whom we are not officially at war and to use them to carry out lethal attacks?*



Credits

*Built with:*

Rstudio

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