#### Scientific Thinking During an Infodemic

**Emma Frans, PhD** 



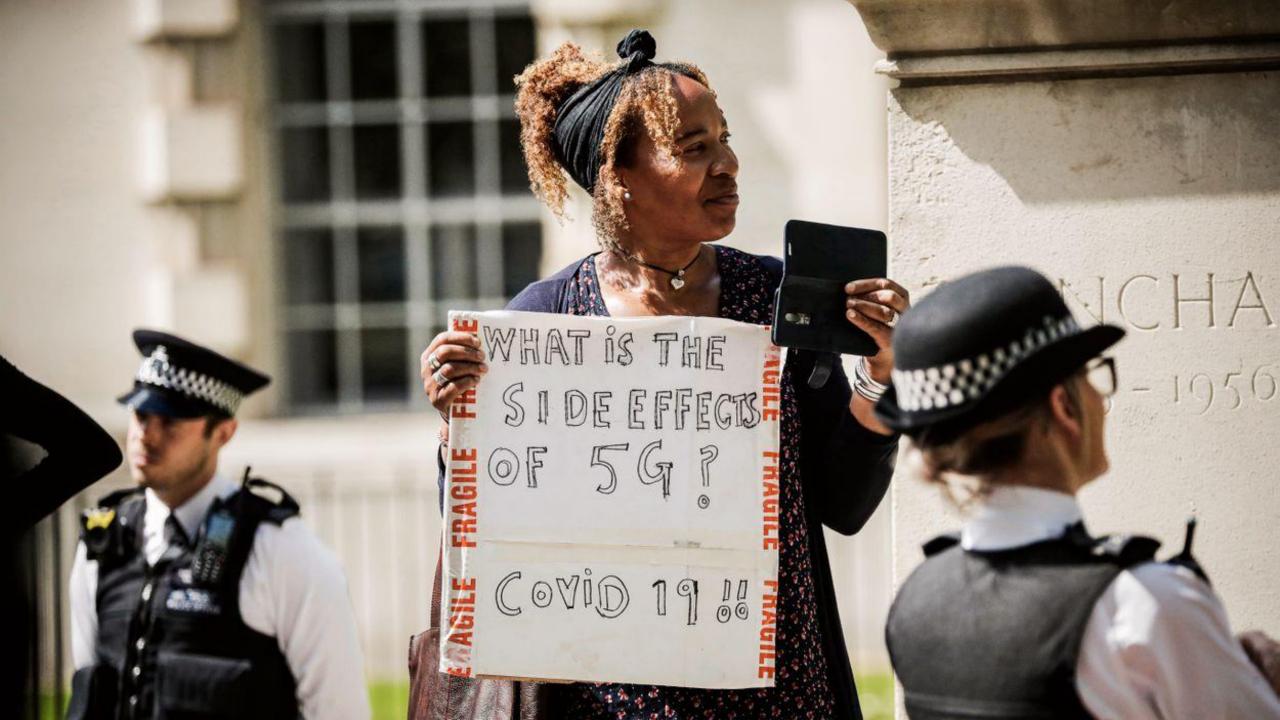
1983 - 10 vaccines given to U.S. babies Autism rate 1 in 10,000

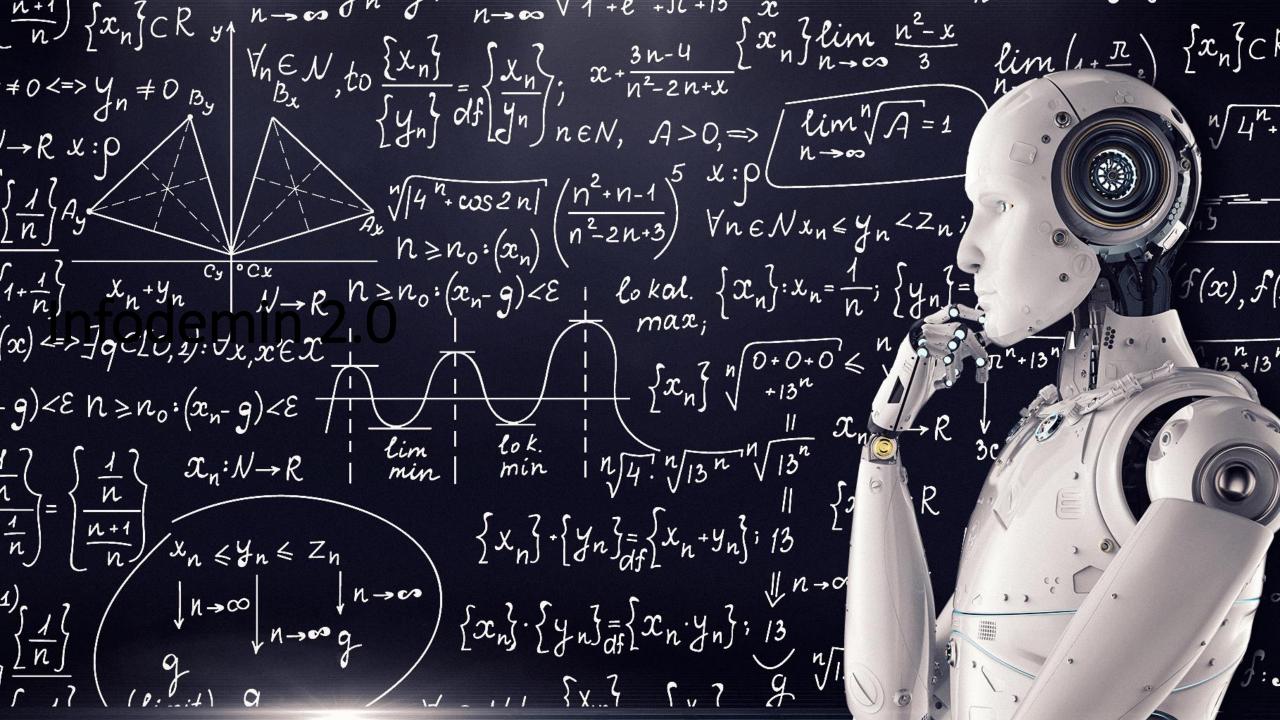
2008 - 36 vaccines given to U.S. babies Autism rate 1 in 150

2013 - 46 vaccines given to U.S. babies Autism rate 1 in 88

2017 is not looking good for America...

Are you paying attention yet?



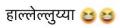


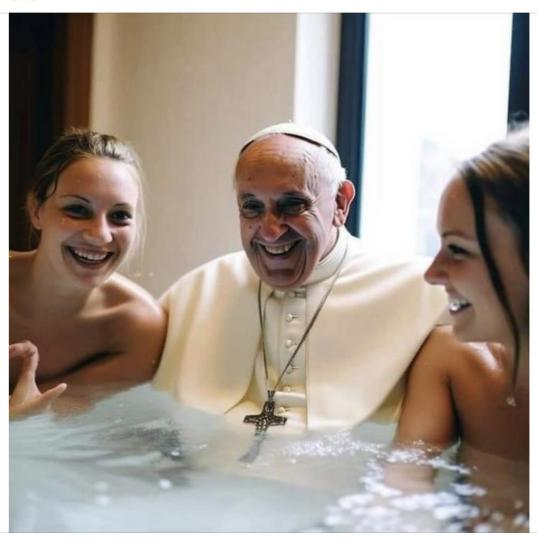
#### Infodemic: Is there a vaccine?

## Scientific literacy

# **Critical thinking**









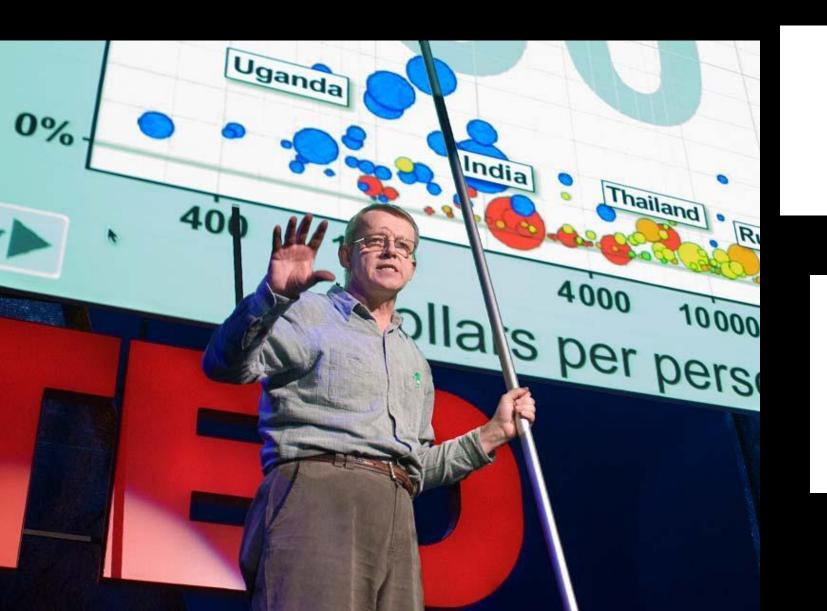
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## Identifying reliable sources



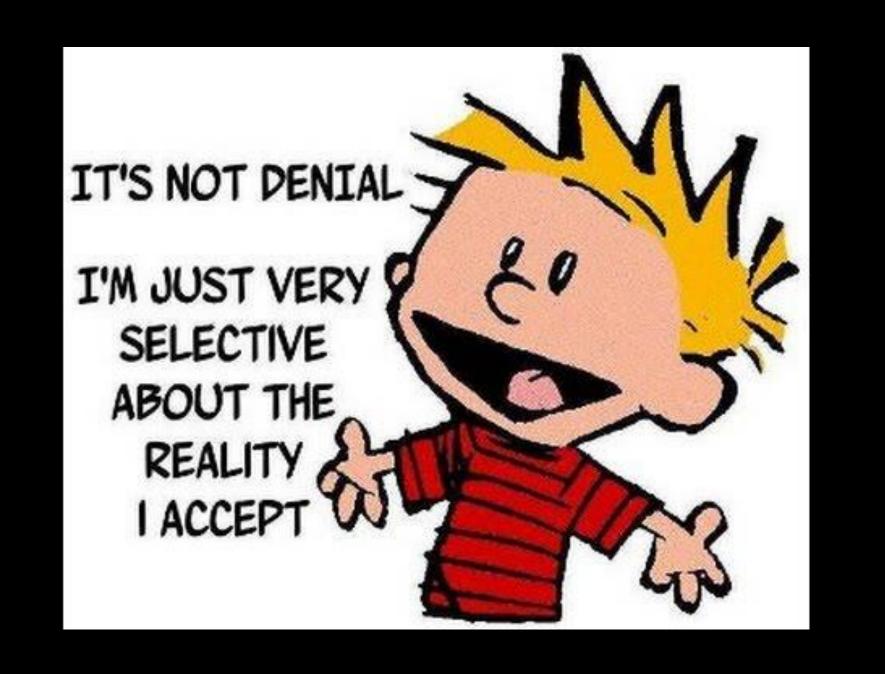




#### Understanding the scientific process

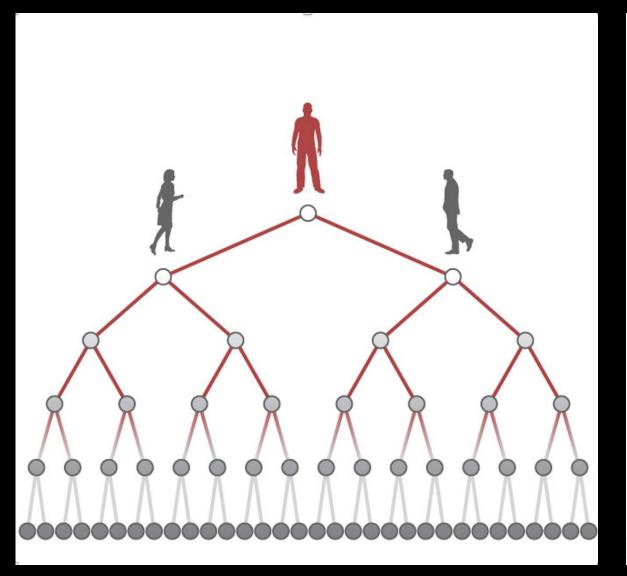


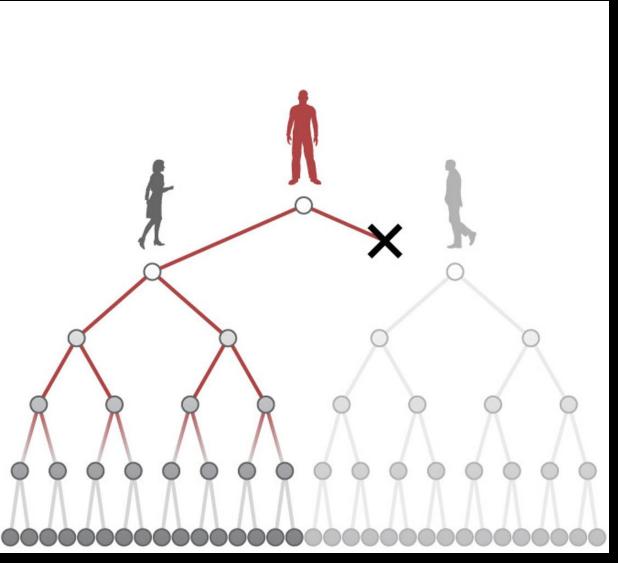
### Intellectual humility





#### The power of scientific literacy





# Thank you!