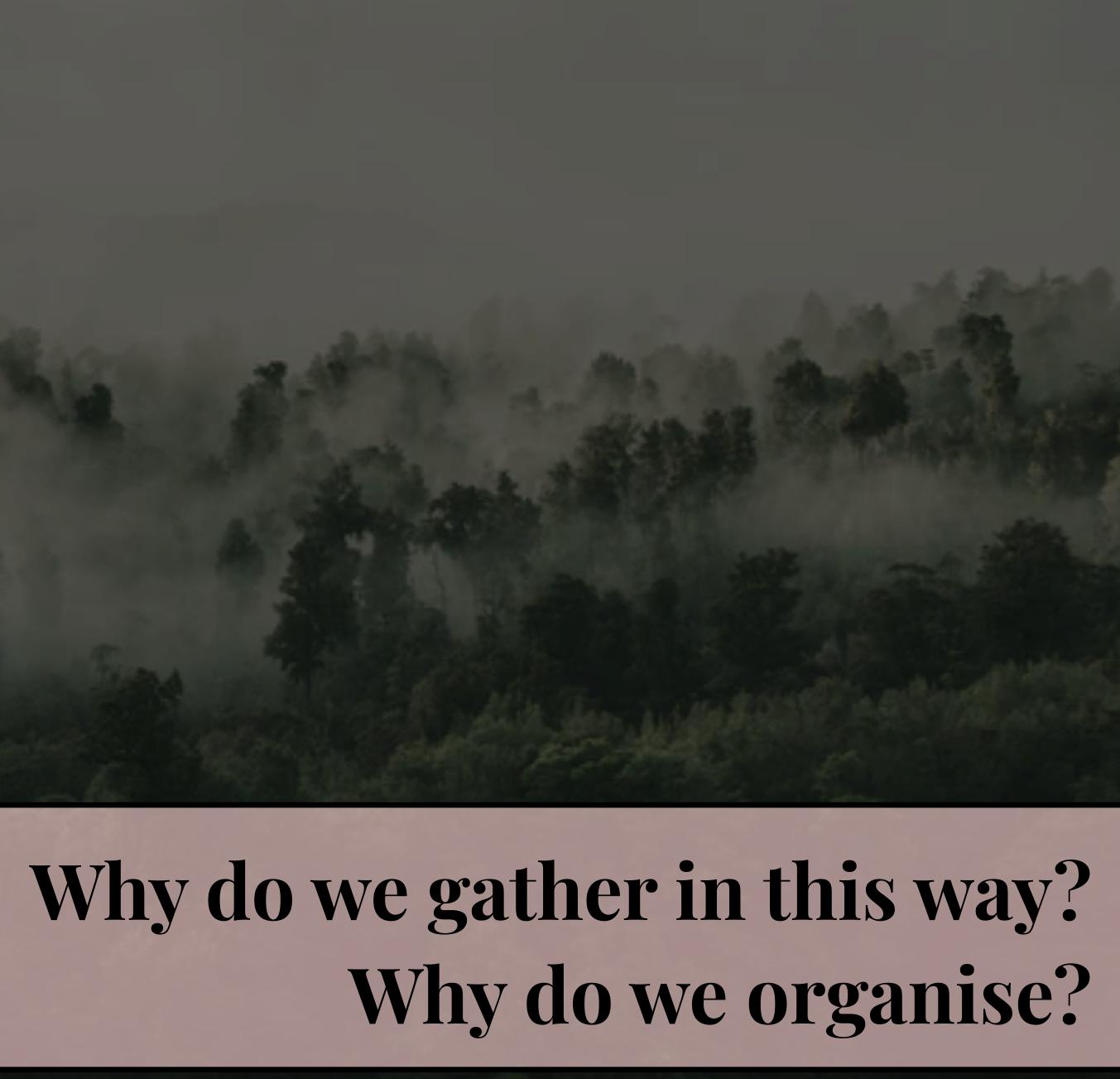
# Queering Machine Learning

# Shakir Mohamed shakirm.com @shakir\_za



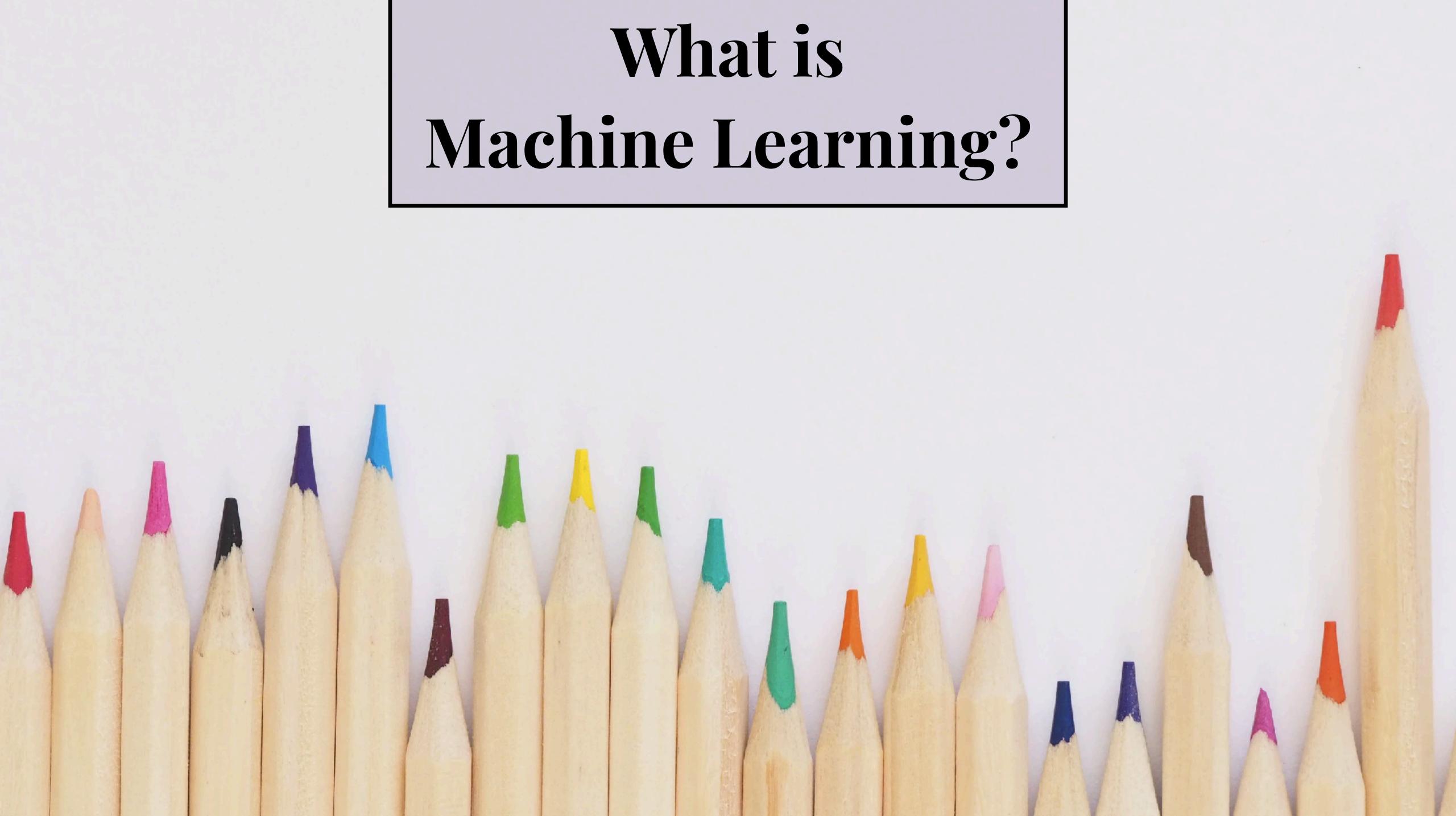
# Why are we here at Queer in AI?



Senate House at the University of the Witwatersrand, Johannesburg



# What is Machine Learning?



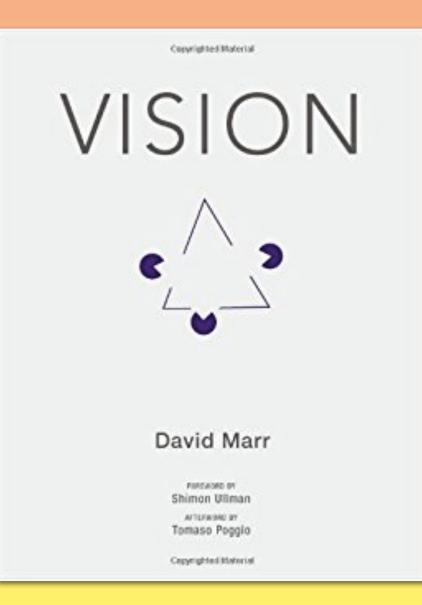
### Computer Science as Empirical Inquiry: Symbols and Search

Allen Newell and Herbert A. Simon



Computer science is the study of the phenomena surrounding computers. The founders of this society understood this very well when they called themselves the Association for Computing Machinery. The machine—not just the hardware, but the programmed, living machine—is the organism we study.

This is the tenth Turing Lecture. The nine persons who preceded us on this platform have presented nine different views of computer science. For our organism, the machine, can be studied at many levels and from many sides. We are deeply honored to appear here today and to present yet another view, the one that has permeated the scientific work for which we have been









Marr's Levels of Analysis







### Classical Cognitive Architecture



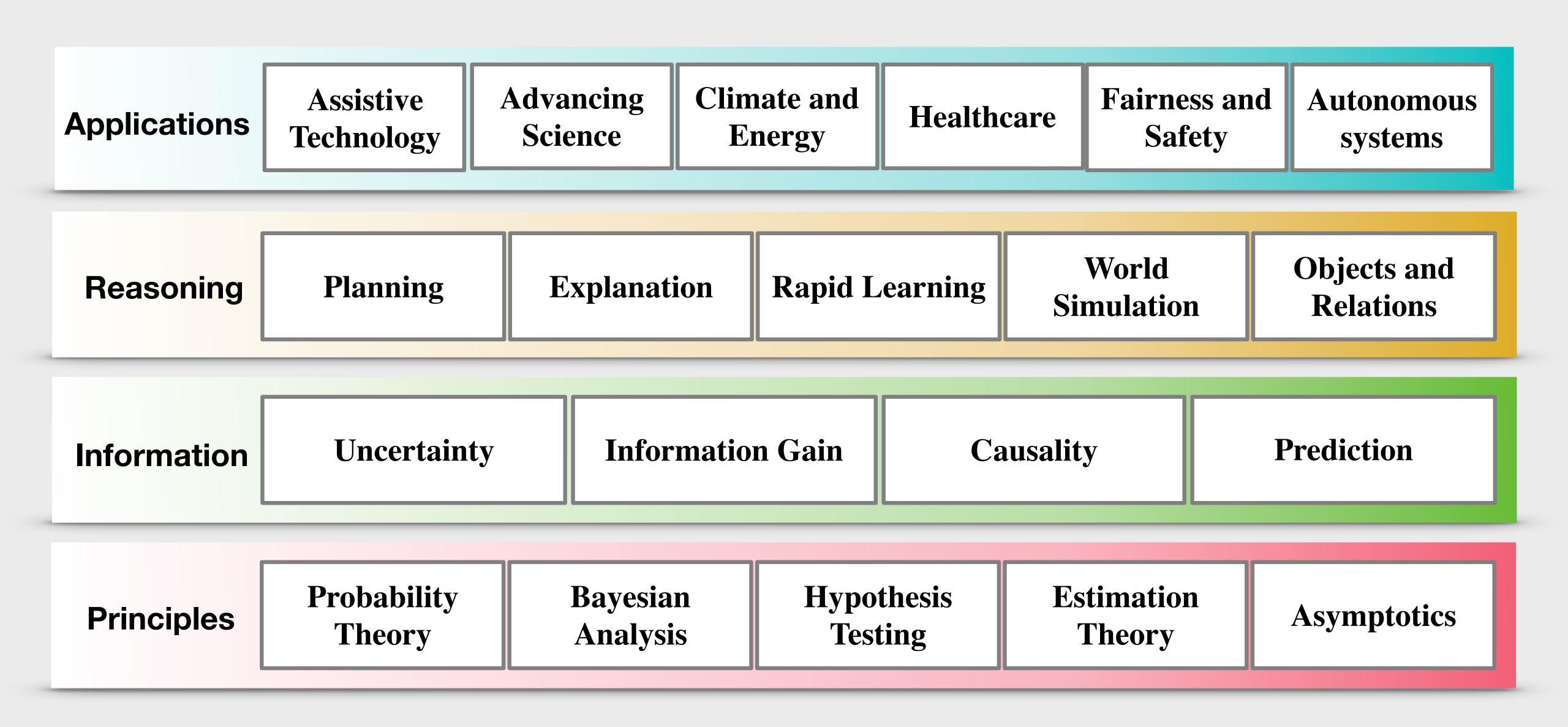






Sun's Phenomenological Levels





# **Products to Principles**

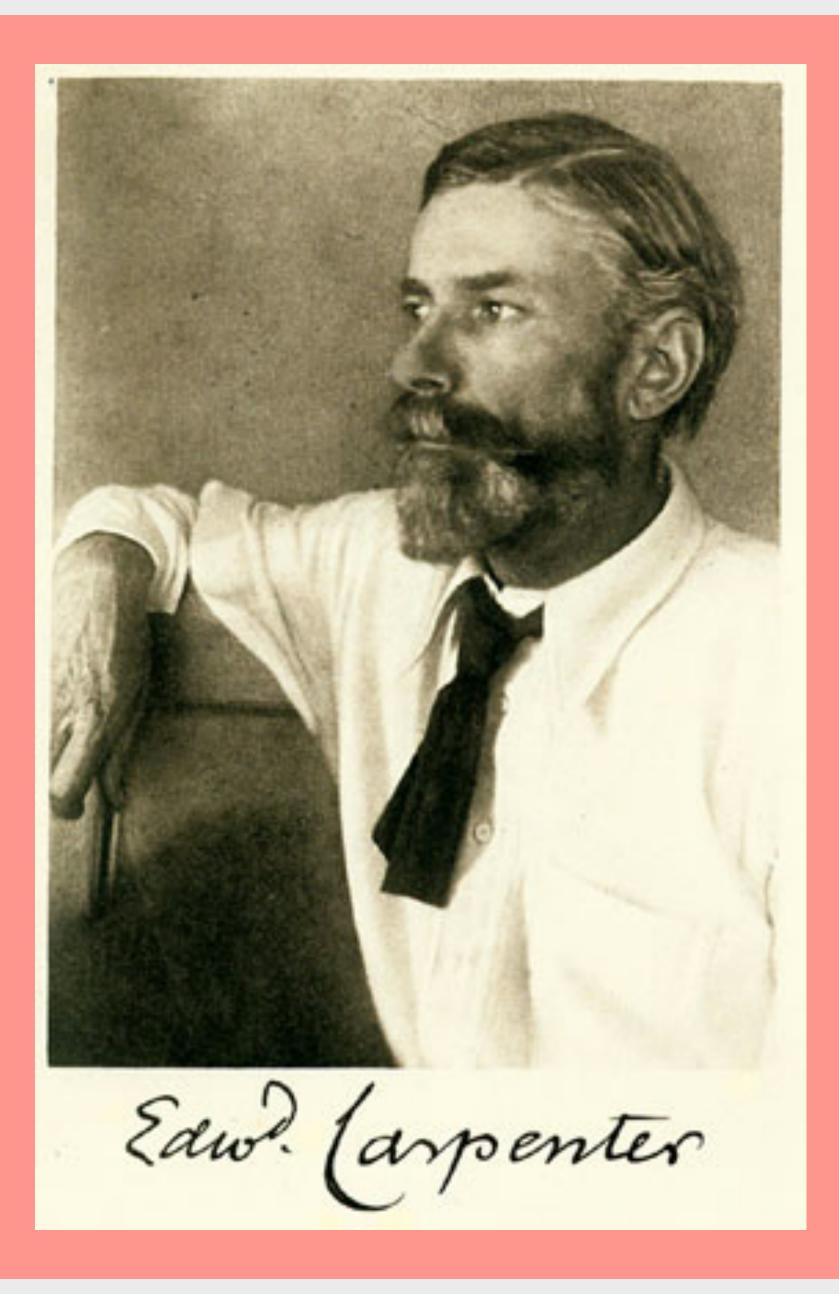


# Epistemic Values Generalisability of a theory, reproducibility, falsification

# Political, social, cultural Contextual Values











Robert Alexander/Getty Images

- For those of us who live at the shoreline
- standing upon the constant edges of decision crucial and alone
  - for those of us who cannot indulge the passing dreams of choice
  - who love in doorways coming and

    - in the hours between dawns looking inward and outward
      - at once before and after
        - seeking
    - a now that can breed Futures



 $\bullet \bullet \bullet$ 



Pictures: Simon Nkoli from the Ubuntu Biography Project; Jason Jones from pinknews.com; Tongzhi from notchesblog.com; Bev Ditsie from newframe.com; Simon, Mandela and McKellan from zammagazine; Peter Tatchell from the Peter Tatchell Foundation

THE

### DESCENT OF MAN,

AND

SELECTION IN RELATION TO SEX.

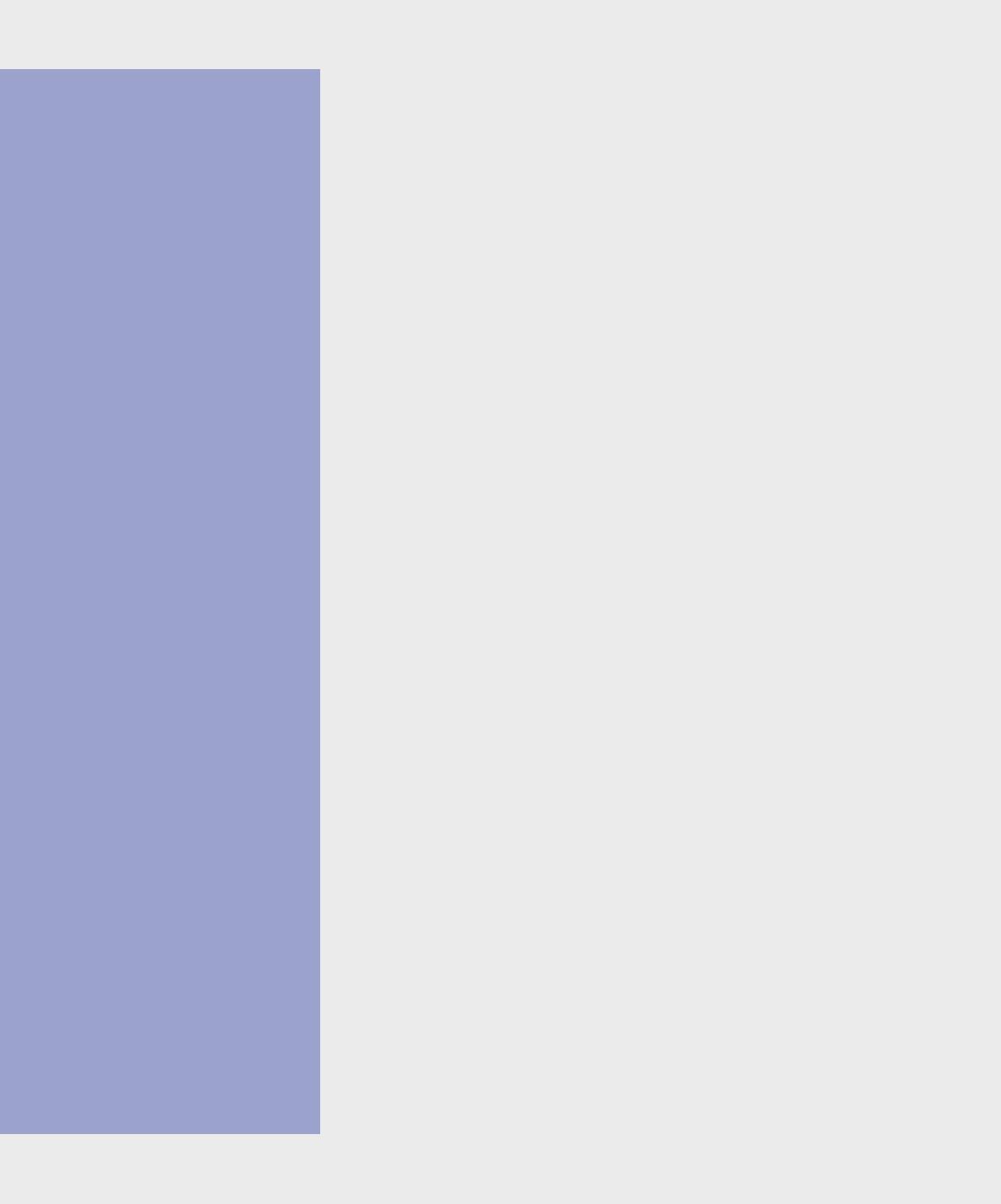
BY CHARLES DARWIN, M.A., F.R.S., &c.

IN TWO VOLUMES,-Vol. I.

WITH ILLUSTRATIONS.

LONDON: JOHN MURRAY, ALBEMARLE STREET. 1871.

[The right of Translation is reserved.]



# Queering our Technical Field

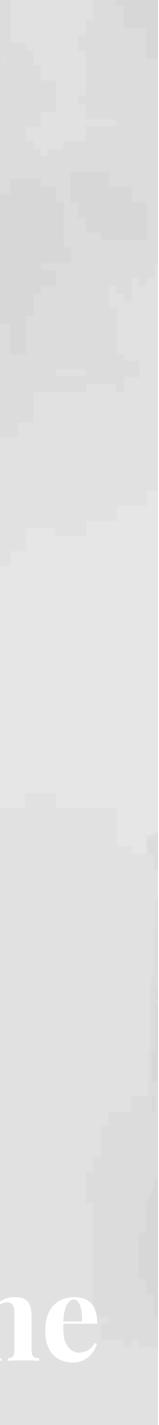




# Belonging









# Solitude





# Critical and Responsible









# Our strength: A unique view on ML.

# Community of nurture and belonging.



We are what the atmosphere is, transparent, receptive, pervious, impervious, We are snow, rain, cold, darkness, we are each product and influence of the globe, We have circled and circled till we have arrived home again, we two, We have voided all but freedom and all but our own joy.



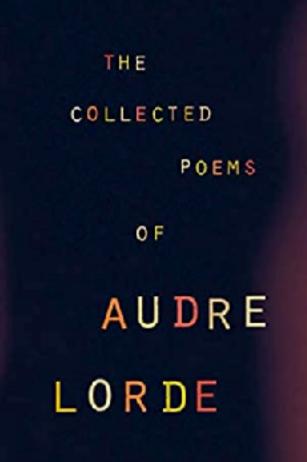
# Queering Machine Learning

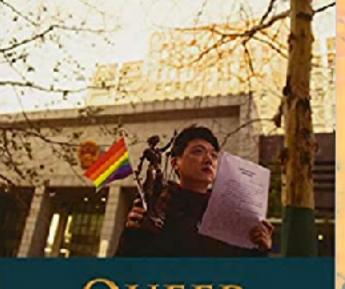
## Shakir Mohamed *ashakir\_za*



### Some references and books

LEELA GANDHI





### QUEER COMRADES Gay Identity and Tougzhi Activism

in Postsocialist China

HONGWEI BAO

Affective Communities ANTICOLONIAL THOUGHT, FIN-DE-SIÈCLE RADICALISM, AND THE POLITICS OF FRIENDSHIP

The Origins of Totalitarianism

by HANNAH ARENDT

Meridian Books THE WORLD PUBLISHING COMPANY Cleveland and New York

### **Till the time of Trial** The prison letters of Simon Nkoli



Dedicated to Roy Shepherd and the memory of Simon Tseko Nkoli

The Spectator Shakir's Machine Learning Blog ff ) Blog

1 2 3 4 5 Next »

### Queer Exceptionalism in Science



FEB Written during the 2020 LGBTQ History Month Remembrance that takes place during February each year in the UK.Read in 5mins (800 words) 27 Today's queer scientist is exceptional. Exceptional as in extraordinary and 2020 remarkable; exceptional as in unusual and strange. This is a state of ambiguity that isn't surprising, since each year, especially during LGBTQ History

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