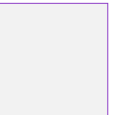# Wrap up of class

Soumya Banerjee

Contoso Ltd.
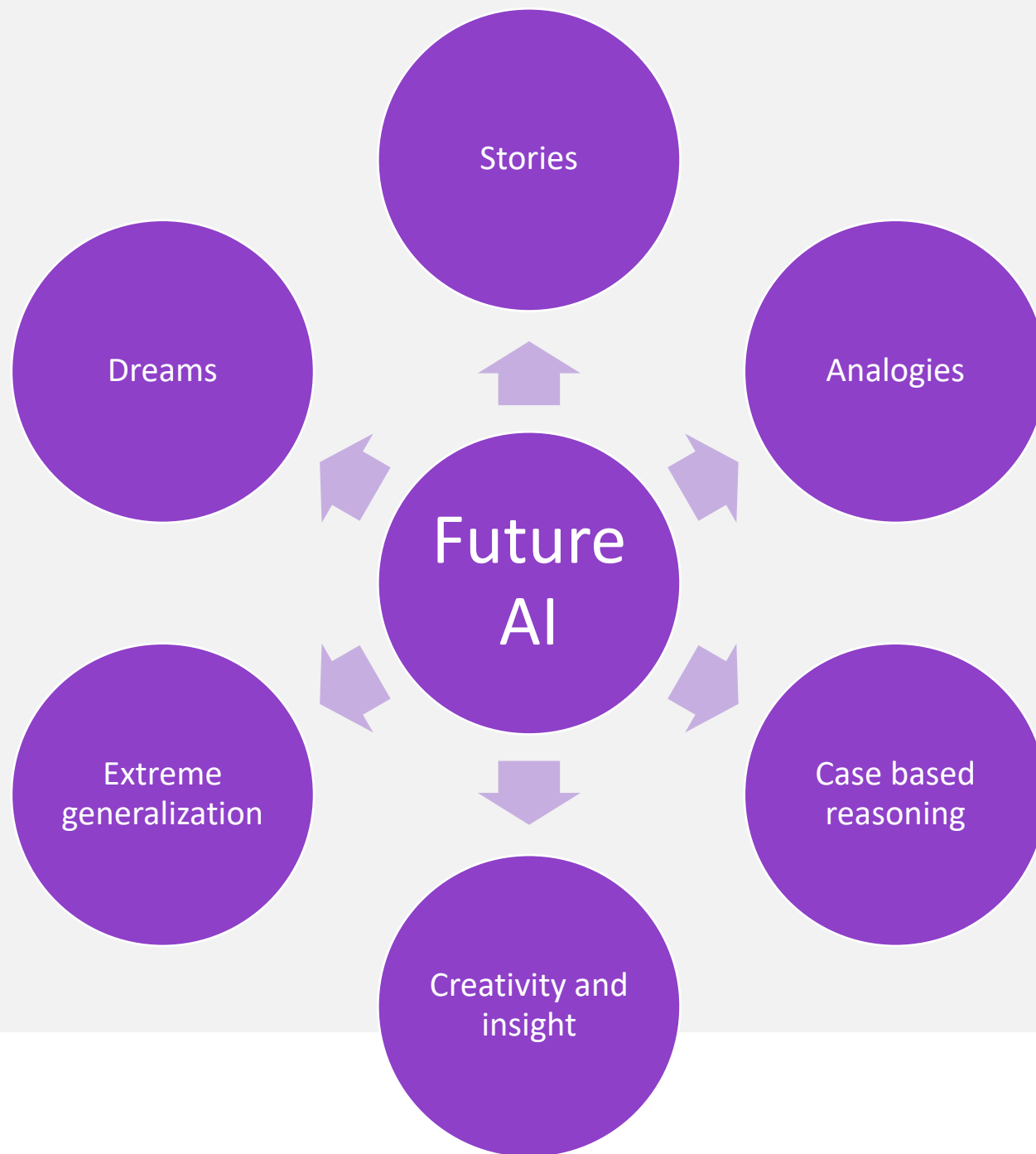
AI is a deeply contextual and open-ended endeavour, not a single one-time riddle to be solved.

\- Francois Chollet

Report

○ *WRITEUP/REPORT*

- on the paper you present, and the topic in general (unconventional AI).
- do a literature review of other papers in the field.
- reflect/write on how these techniques can be incorporated in modern AI/deep learning.
- The intention is for you to
  - learn how to read papers
  - compare and contrast them to other papers
  - then think what this means for modern AI/deep learning.
- ***Show me early drafts***

Report

- *WRITEUP/REPORT*
  - Short report (less than 4000 words). The idea is to write a coherent narrative.
  - Suggest how these ideas can be incorporated in modern AI/deep learning systems
  - Why do you think these ideas were not successful in the 1950s/1960s?
  - What kind of data would we need to ensure these techniques would work today?
  - What lessons can we learn from the history of AI, what approaches worked and did not work in the past?
  - What could be the disadvantages of these approaches?
  - Rational reconstruction (analytical literature review/survey) of a research area
- Other thoughts on the writeup
  - A detailed research proposal with some ground work already accomplished

Writing process

○ *HOW TO WRITE*

- WRITE REGULARLY
- SCHEDULE TIME FOR WRITNG
- https://sites.google.com/site/neelsoumya/research-resources/scientific-writing
- https://www.youtube.com/watch?v=DeVjXINr5Wk
- Book on writing (contact me to borrow a copy)
  - ▪ *How to write a lot: a guide to productive academic writing* (Paul Silvia)