Self-intro

- 2018 - 2020 University of Melbourne Graduate in Information Technology

- 2019 - 2020 Data Engineer in a startup

- 2020 - 2025 REA Group

- Teaching experiences: tutoring Data Warehousing, Modelling Complex Software Systems, Business Analytics in Action capstone

Why start CLG Data Camp

- Gap between school and industry demand

- Community

- AI trend
    - Anyone can do vibe coding
    - AI is limited in solving any complexity that requires domain knowledge and clarification
    - More opportunities

Software 1.0
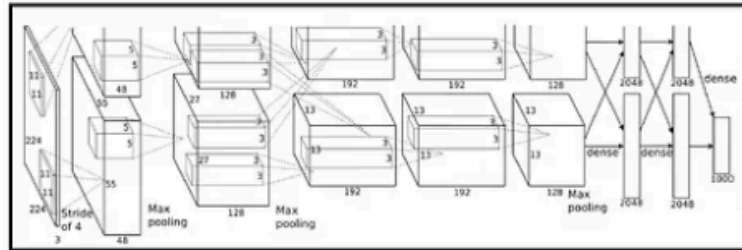
computer code

↓ programs

computer

became programmable in **~1940s**

Software 2.0
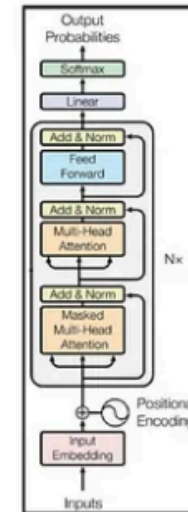
weights

↓ programs

neural net

fixed function neural net
e.g. AlexNet: for image recognition (**~2012**)
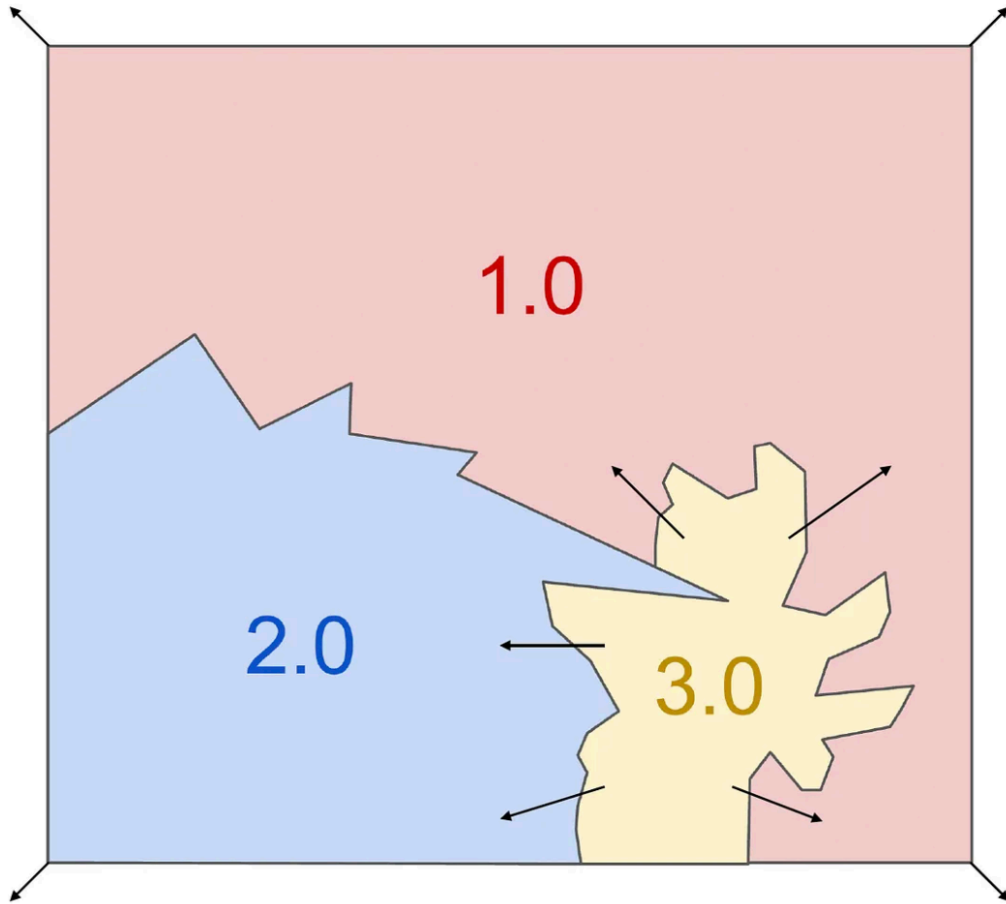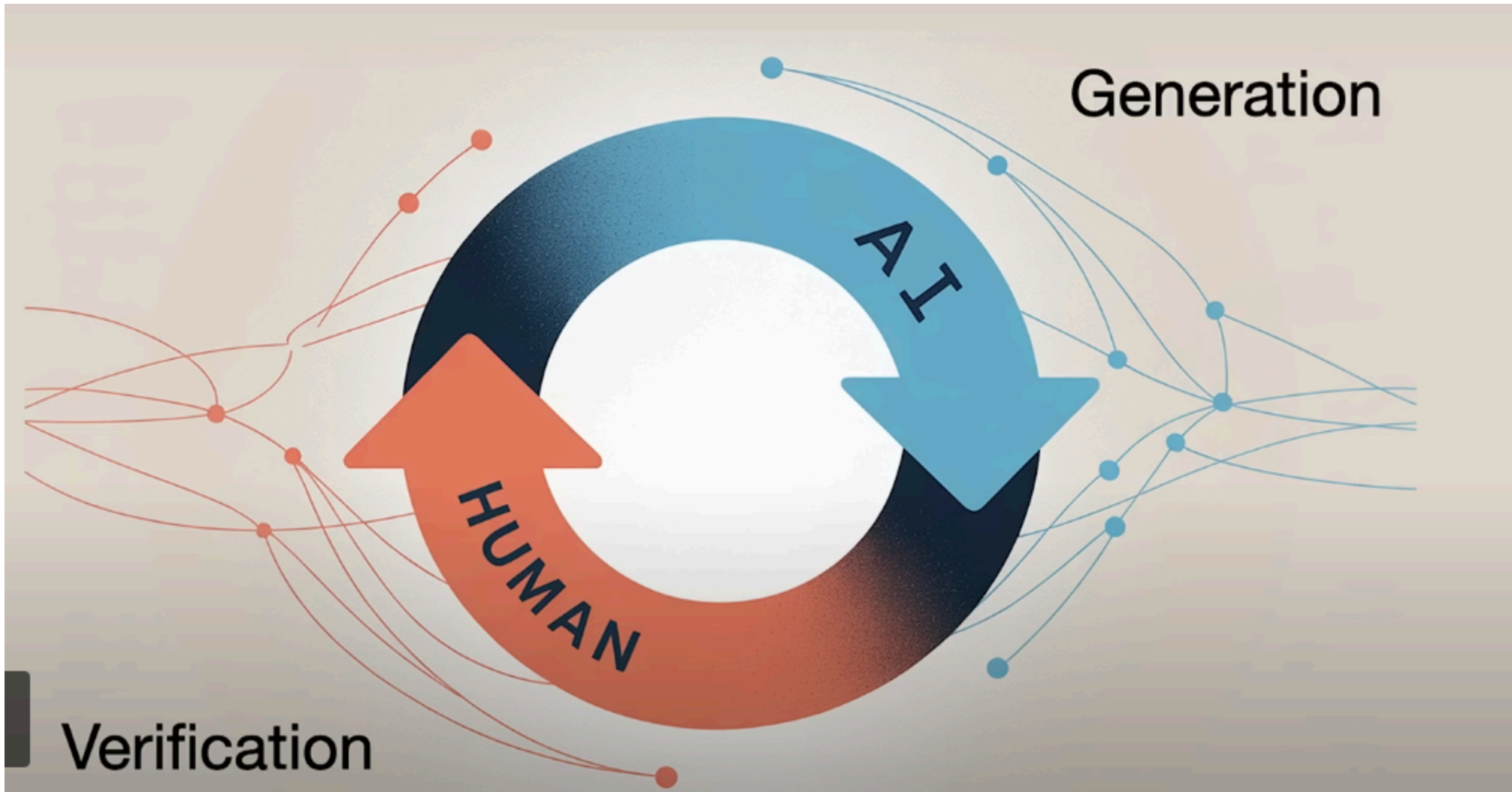
Software 3.0

prompts

↓ programs

LLM

~2019

LLM = programmable neural net!

A huge amount of Software will be (re-)written.

Ref: https://www.youtube.com/watch?v=LCEmiRjPEtQ

Why start with Python

- Beginner friendly to learn programming paradigm

- Enriched features (ML, DE, Automation, SE)