Do you need understanding on the inner workings of AI models?

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Very little is known about how human brains work.

There are many different languages for thinking (verbal, textual, math, computational, physical, …)

Tools affect significantly the ways of thinking.

Graduate students design better “research” as they learn and become handy with lab tools and equipment. They become better researcher and thinker as they gain experience.

How we learn/teach AI as new tools and new science?

Ref: Lunar society of Birmingham in 18th century

* Discussed new ideas and inventions,
* Performed scientific experiments,
* Contributed to the discovery of oxygen, and Contributed to the development of the pneumatic tire.

Ref: Christmas lectures at Royal Institution (from 19th century).

* made science interesting and accessible to young people
* filled a gap in organized education for public

What can we (SSP) do?

* Discuss new ideas around AI on all sectors of human activities
* Perform AI experiments (e.g. diffusion model excercises).
* Help young students to gain experience with AI; Give public lectures