BUILDING AI LITERACY IN LANGUAGE LEARNING

INTEGRATING AI TOOLS TO ENHANCE AI LITERACY AND CHINESE LANGUAGE LEARNING

Xu, Yuan

IMPORTANCE OF AI LITERACY FOR K-2 STUDENTS

•Early Awareness

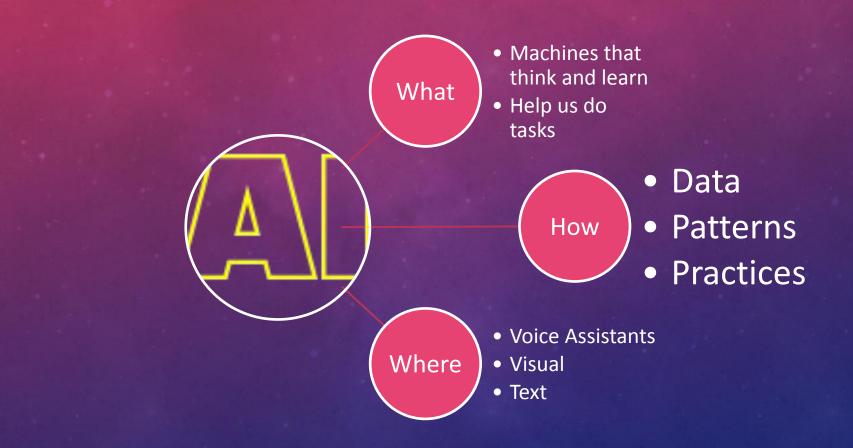
Fosters Curiosity and Critical Thinking

•Prepares for the Future

Develops Problem-Solving Skills

Enhances Engagement and Creativity

UNDERSTANDING AI



HELP STUDENTS UNDERSTAND DATA COLLECTION AND TRAINING

Teachable Machine
Image Project
Audio Project
NotebookLM

HELPING STUDENTS UNDERSTAND HOW AI LEARN TO "LISTEN"

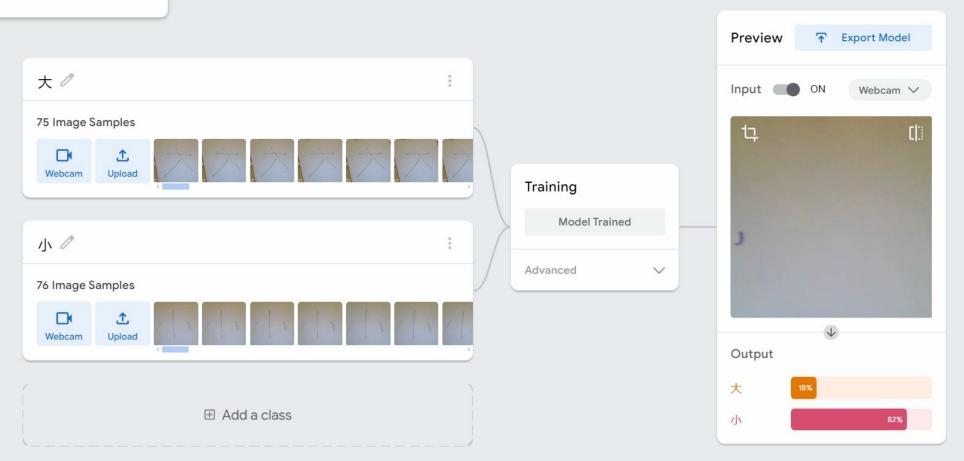
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HELPING STUDENTS UNDERSTAND HOW AI LEARN TO "LISTEN"

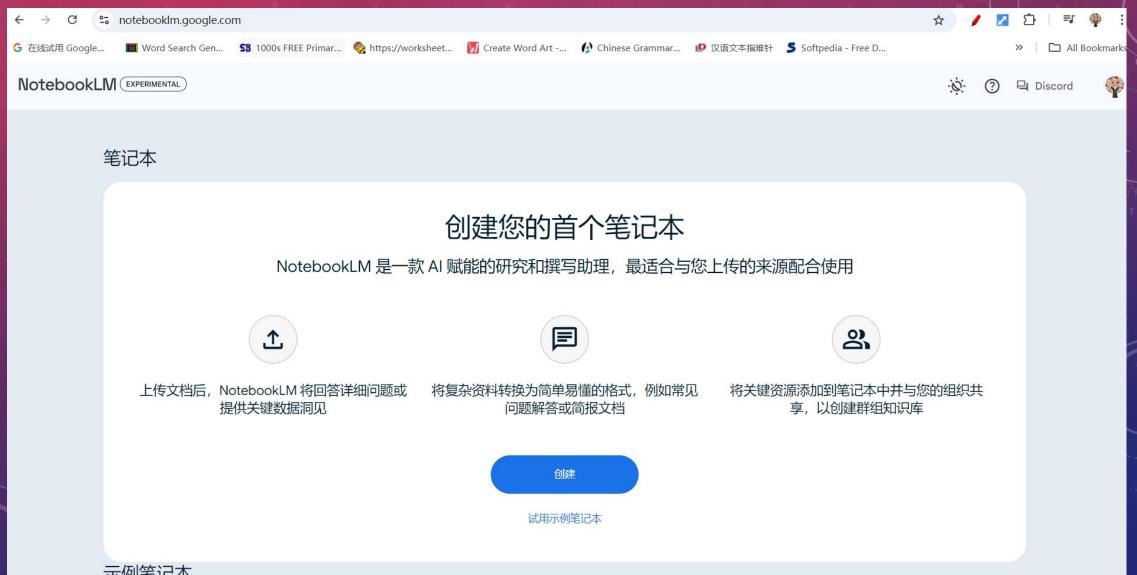
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HELPING STUDENTS UNDERSTAND HOW AI LEARN TO "SEE"

Teachable Machine



HELPING STUDENTS UNDERSTAND HOW AI PROCESS TEXT DATA



HELPING STUDENTS UNDERSTAND HOW AI PROCESS TEXT



HELPING STUDENTS UNDERSTAND HOW AI PROCESS TEXT

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Joseph Swan Bio (from Wikipedia)	× Invention Of The Lightbulb
★ 来源指南 scale electric-lighting utility he was creating. Swan's original lamp design, with its low resistance (the lamp could be used only in series) and short life span, was not suited for su an application. Swan's strong patents in Great Britain led, in 1883, to the two competing companies merging to exploit both Swan's and Edison's inventions, with the establishment of the Edison & Swan United Electric Light Company. Known commonly as "Ediswan", the company sold lamps made with a cellulose filament that Swan had invented in 1881, while th Edison Company continued using bamboo filaments outside of Britain. In 1892, General Electric (GE) began exploiting Swan's patents to produce cellulose filaments, until they wer replaced in 1904 by a GE developed "General Electric Metallized" (GEM) baked cellulose filaments. In 1886, Ediswan moved production to a former jute mill at Ponders End, North Londo In 1916, Ediswan set up the UK's first radio thermionic valve factory at Ponders End. This area, with nearby Brimsdown subsequently developed as a centre for the manufacture of thermionic valves, cathode ray tubes, etc., and nearby parts of Enfie became an important centre of the electronics industry for much of the 20th century Ediswan became part of British Thomson-Houston and Associated Electrical Industri (AEI) in the late 1920s.	 统在内的整个照明系统。1 这使得他的发明更具实用性和商业价值,更容易被大众接受。1 其他发明家虽然也发明了灯泡,但由于没有将其整合到一个完整的系统中,所以并没有取得像爱迪生那样的成功。1 爱迪生找到了更耐用的碳化竹丝:爱迪生和他的团队尝试了各种材料来制作灯丝,最终发现碳化竹丝最为耐用,可以让灯泡持续使用超过1200小时。2 为此,他还专门派人到世界各地寻找最优质的竹子。2 爱迪生注重团队合作和细节改进:爱迪生在门洛帕克建立了第一个工业研究实验室,并组建了一个多元化的团队。3 他们共同努力,不断改进灯泡的各个细节,使其性能不断提升。3 爱迪生善于商业运作和市场营销:爱迪生是一位精明的商人,他成立了自己的公司,并与竞争对手合并,最终垄断了英国的照明市场。4 6 他还善于利用媒体宣传自己的发明,并通过股票期权激励员工。6 7 需要注意的是,爱迪生并非第一个发明白炽灯的人。8 早在1802年,英国化学家汉弗莱·戴维就发明了第一个电灯泡。9 在爱迪生之前,已经有许多发明家在研究白炽灯,其中一些人已经提出了与爱迪生相似
Photography When working with wet photographic plates, Swan noticed that heat increased the sensitivi	□
of the silver bromide emulsion. By 1871, he had devised a method of using dry plates, and substituting nitrocellulose plastic for glass plates, thus initiating the age of convenience in photography. Eight years later, he patented bromide paper, developments of which are still used for black-and-white photographic prints.	

In 1864, Swan patented the transfer process for making carbon prints, a permanent

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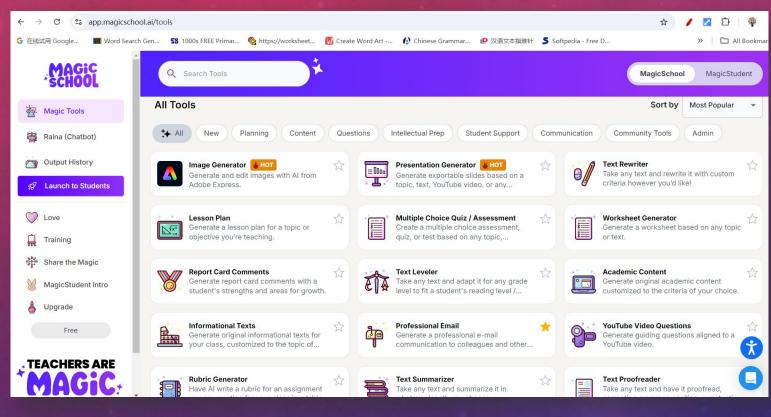
HELP STUDENTS UNDERSTAND HOW AI APPLY TRAINED DATA

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HELPING STUDENTS UNDERSTAND HOW AI PROCESS TEXT



HELPING STUDENTS UNDERSTAND HOW AI PROCESS TEXT DATA



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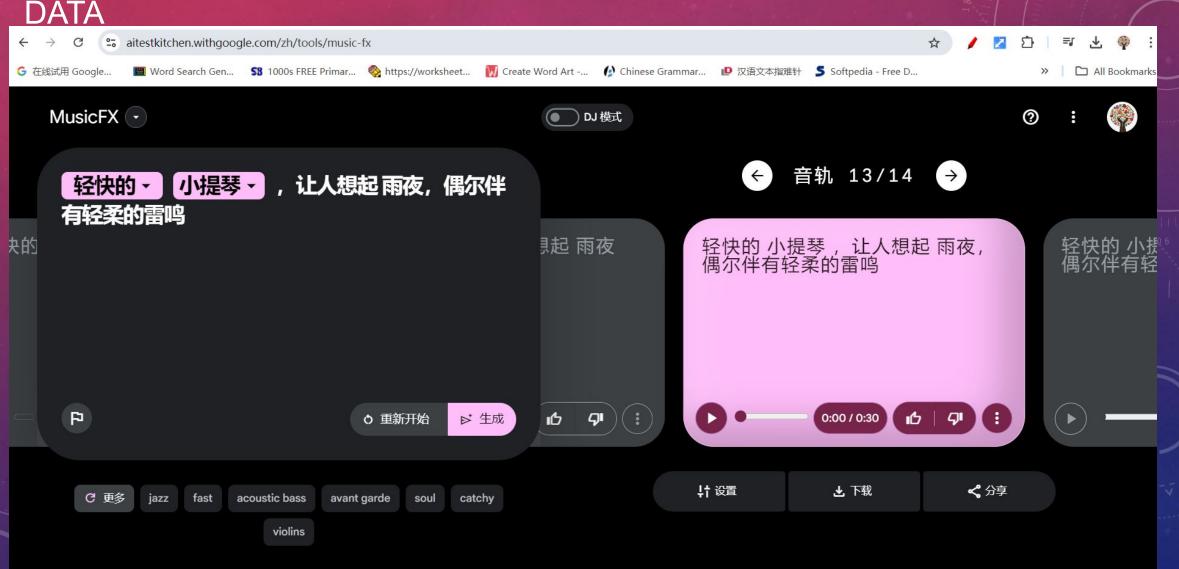
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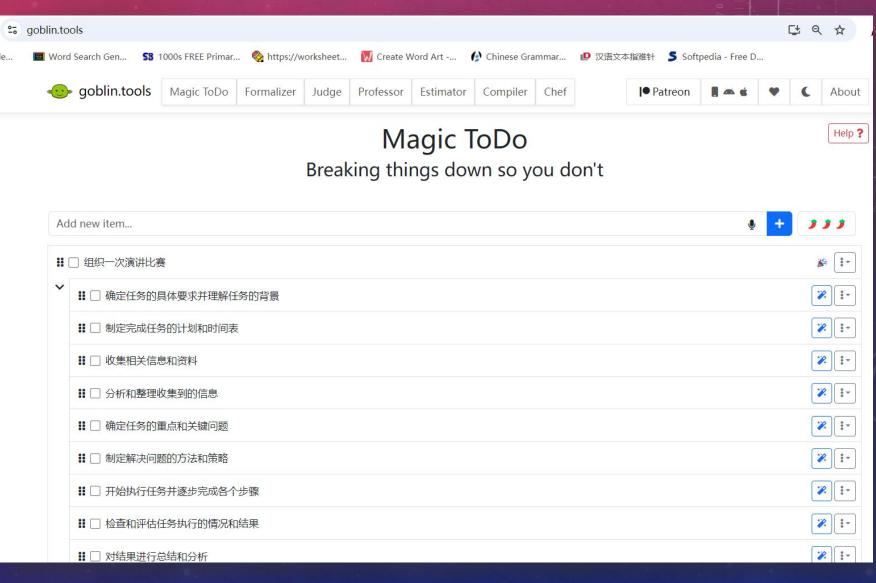
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HELPING STUDENTS UNDERSTAND HOW AI APPLY TRAINED

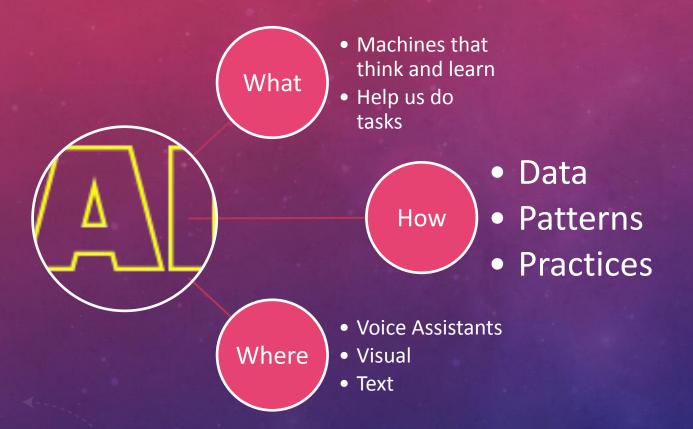


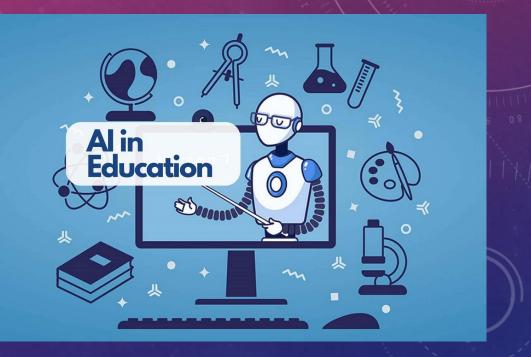
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Teaching students how to learn with AI, not be taught by it.







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