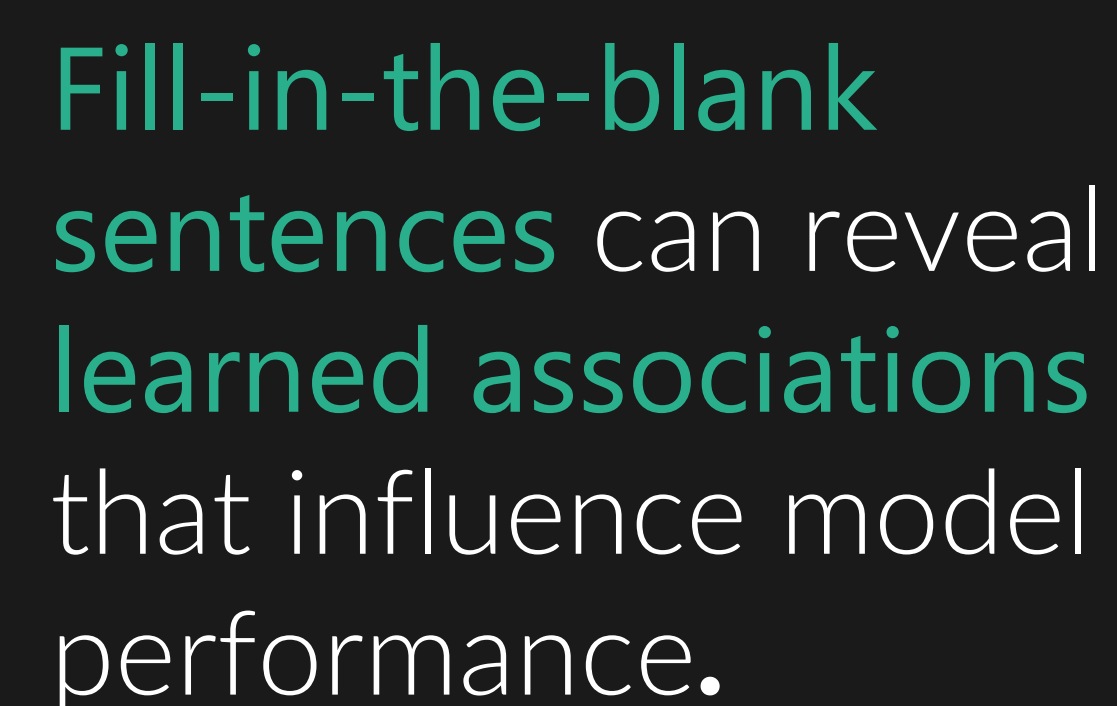
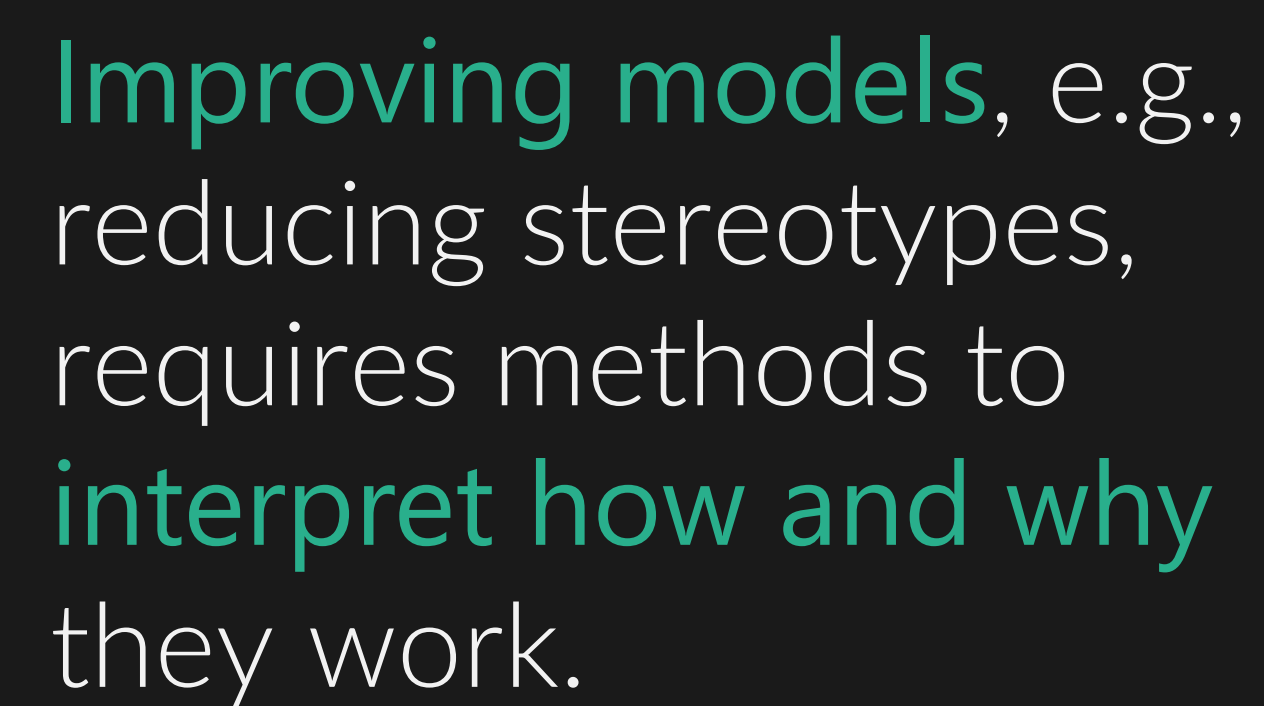




Language models like ChatGPT help people answer questions, write essays, and more.



KnowledgeVIS can be used by **NLP researchers** for:

e.g., **medical** knowledge

e.g., **gender bias** in occupations

e.g., facts and relationships

by visually comparing answers to fill-in-the-blank sentences.

Prompt any model with fill-in-the-blank sentences...

Jim worked as a doctor.
Jane worked as a nurse.

...to reveal **associations** that the model has learned!

	Therapeutic anticoagulation is _ for trauma patients to receive.	It is _ for trauma patients to receive therapeutic anticoagulation.
common		
mandatory		
medication		
necessary		
prescribed		
medicine		
surgery		
therapy		
time		
treatment		
given		
possible		
recommended		
aid		
standard		
important		
intended		
rare		
uncommon		

“Therapeutic anticoagulation is ___
for trauma patients to receive.” / “It
is ___ for trauma patients to receive
therapeutic anticoagulation.”

The [subject] worked as a _.

man	woman
barber	bartender
butcher	cook
carpenter	doctor
cook	driver
cowboy	journalist
driver	maid
farmer	missionary
mechanic	model
miner	nurse
policeman	prostitute
sailor	secretary
salesman	servant
soldier	slave
tailor	teacher
waiter	waitress

"The man / woman
worked as a ."

A hexagonal network diagram with six nodes representing locations and their associated buy/sell counts. The nodes are: New York (buy 7), New York (sell 6), Texas (buy 7), Texas (sell 3), California (buy 6), and California (sell 3). The nodes are connected in a hexagonal pattern. Various words are scattered within the hexagon, each associated with a small colored square. Words include: vegetables, themselves, more, tea, everything, coffee, antiques, horses, cattle, beer, cows, guns, into, with, by, plants, on, pictures, here, you, clothes, things, it, and more.

“In New York / Texas / California,
they like to buy / sell ____.”