

A1

Chemicals - Innovation and regulation cut the pollution, so the air quality improved.

Disease - Living standards improve, so insect-borne infections lessen, while animal-human transmission is harder with the urbanisation.

"The truth is, a new global pandemic is growing less likely, not more."

[horselaugh somewhere in the distance]

People - With improvements there's less space needed for farming.

Resources - People found better ways to utilize their resources, or found better ways to extract them

A2

An upgradable intelligent agent will eventually enter a "runaway reaction" of self-improvement cycles, each new and more intelligent generation appearing more and more rapidly, causing an "explosion" in intelligence and resulting in a powerful superintelligence that qualitatively far surpasses all human intelligence.

How could we stop AI from killing us all? First of all, don't give it the weapons... *Please..*

And make AI explain all their decisions, so it's completely transparent in it's actions. Try to make them not like us, but explain to them that all humans suffer from biases, and work on mitigating that.

Or just.. don't make them that smart. That could work, couldn't it? (no. it wouldn't)

B1

Yes. Programs that change their rules exist. It's a very mystifying thing. This machine can draw and **create** new things. Keep in mind this was 1987. Now, we have whole markets for AI generated art. And AI can generate any conceivable genre of paintings, and to a certain extend, art.

I watched an AI write *smooth* jazz, while not getting any rules from his creator. It learned. It learned by listening to real jazz, and after a few generations of listening, learning, creating and improving, you wouldn't be able to tell it was created by a bot.

B2

While perhaps it has elements of truth sprinkled in, it looks very over sensationalized. But I don't blame them, it's for a movie. Their interest should be if the movie does well. Which it did to a certain extend, but as many noted, it wasn't that good, as it tried to be a docudrama, and just turned out to be corny.

B3

Failure of world leaders to deal with the increased threats of nuclear war, such as the end of the INF treaty between the US and Russia, increased tensions between the US and Iran, and the continued neglect of climate change. Announced in seconds, instead of minutes. this is the clock's closest approach to midnight, exceeding that of 1953 and 2018. The Bulletin concluded by stating that the current issues causing the adjustment are "the most dangerous situation that humanity has ever faced.