

AI Trends 2025 My Thoughts: 012624405

Let's look point by point at what is discussed in the video, and I'll share my thoughts on it. Firstly, Martin discusses how AI will become better at reasoning, planning and executing tasks autonomously. I think it surely will be able to perform all the above-mentioned tasks, but it will require some human intervention. As we know, even today, human to human communication has some flaws like what a person is saying, it is not always perceived in the same manner by any other person. So, there will be gaps when talking to AI agents. Secondly, Martin talks about time, I think currently the models take longer to respond, Nvidia is working closely with OpenAI to gap the hardware problem to get the best user experience. So, no doubt AI models will think more but I don't think they'll take more time to respond. Instead, they'll respond in no time giving the best user experience. Next it is said that AI models will grow significantly. This is true, if the models don't grow the development cannot be expected in AI agents. AI agents can mature if they have ample of data and ample of data means having a larger dataset as input and output. Talking just like a human. As everyone is aiming to make AI agents like humans, when talking to humans we never have parameters, so that should be waved off at some point. I am not sure that before 2025 ends we will be able to achieve that or not. About Small models, I think these models will be integrated as a part of OS without having the need to process more. And it will be more compact. Enabling the process to run locally. This can be achieved by the end of 2025, since we already have Gemini by Google and copilot by Microsoft like things running on laptops and mobile phones. Regarding Near-Infinite Memory, I think it is possible by the end of 2025 to obtain that, because even now we get the paid version of any AI model gives us the memory which is not even required in day-to-day work. Also, there is this website called lemonade, where in if you need to buy or even cancel your insurance or want to do anything, like claims etc. you never find a button on their website. You just simply need to talk to chat bot, and it resolves it. So, this can be achieved fully by the end of 2025, if companies want them to be used by users. For Human-in-the-loop-augmentation, as I mentioned earlier, there will be some gaps in conversation, for that people will need to use more AI and get used to using it. To understand how AI perceives what you say, also AI will be trained properly as per user account. So, it will take time and needs more usage. If we had other things up and running as of now, I think the usage of 6 months of that AI will enable us to bridge those conversation gaps. Lastly, we still have a long way to go in this domain. So slow and steady as we know data is what we need to get most out of the AI models so that they are not under-fitted or over-fitted, it is long and continuous progress.