

So, we're on the last lesson here, the final lesson of Module 2: AI Automation Workflow – Process Optimization.

All the stuff that you learned here and this is the one that's going to just be a little bit more theory. There's not really too much to go over here because the future of AI workflow automation is really unknown. We don't really know where we're gonna go with this because it's changing faster than we can actually keep up with it.

So your goal and your job here is to just stay one step ahead. Make sure that you're on huggingface.com and Open AI's blog. Make sure that you sign up for the Google experiments for their AI, for [Claude.ai](https://claude.ai). Now Amazon make sure you have their business account so you can get their newsletter. Sign up for Automate to Win newsletter because I'm writing new stuff about what I found every single day.

You're not gonna be able to figure all this stuff out. There's just no way. You're gonna be having your own stuff to do. You have your own job so you just need to use the resources to stay on top of things that are happening.

You need to know there's certain dominoes to look for. Alright, the first one that you want to look for is memory. So if you see anyone talking about the LLMs having the ability to self correct. If you see the LLMs having someone having you having the ability to micro train someone else's LLM, meaning if I can come to OpenAI and teach OpenAI's LLM, it is wrong. Maybe it says penguins inherently can fly. And I come and I logic it through and it realizes that penguins can't fly. And now every time that I come back, it knows penguins can't fly. That's the first step of memory.

Right now it can't. Every single agent that you interact with, it will always think that penguins can fly because that's the main training data. That's like the ROM data in your RAM data, which is like the non volatile that can be rewritten. It doesn't stay for long, so it doesn't actually update.

Now, the next step in this is giving the ability for it to remember for you. So, your LLM from OpenAI or BARD or any of these, it doesn't matter, ChatGPT because you know what that is, right? So your ChatGPT knows that a penguin can't fly. That's the first step.



The second step is your ChatGPT agent knows that a penguin can't fly and it informs my ChatGPT agent that a penguin can't fly. So that way all ChatGPT agents know a penguin can't fly. And on the main new update, when it happens, when ChatGPT says the September updates, July update, whatever on the bottom of that chat. Then that update is from all of the different agents that have been told that a penguin can't fly. It'll hit a certain percentage and now the algorithm will know a penguin can't fly. Okay?

So that's the first step of the next version of what an LLM can do is like the self-healing, the self-teaching. Healing means that it has a wrong answer and you've shown it it's wound and then it goes through and heals that wound, okay? So it's a self-healing algorithm. That's step one.

And the second one that you want to watch out for and how it's going to change is going to be inputs outside of text, okay? So they kind of already do this now where OpenAI is allowing you to take a picture and then it uses DALL·E to go through and will allow you to actually interact with that picture from the LLM. It's not a hundred percent there, like you can't do it about humans. And there's a lot of things that it doesn't know but as they say the trope's all ready. It's only as bad as it'll ever be. It'll only get better.

So the second step is already almost before the first step where they give it eyes and ears, so to speak. And that's not the right word. It's not eyes and ears. It can't see as much as a camera and hear as much as a microphone, but for you to understand like that's the secondary part of it. It's going to get inputs beyond just text like you're just talking to it.

So that's an inflection point that's going to change everything. Like you can just take a picture of a sign in Spanish and it translates to English. Real-time augmentation of any language, in audio or video. So you have a thing that's in your ear and someone speaks to you in Japanese and it's just real time translating it to English. And then you have a thing that goes over your mouth and or they have it in their ear and you're speaking English and they hear Japanese.



So, I mean, that already kind of exists now. Like the language barrier real-time is basically almost gone.

And then the third domino, which is like moving into general AI, would be the manipulation of the real-world. If Open AI and Boston Dynamics, for instance, came together and Open AI put one of its algorithms inside of a Boston Dynamics robot, and it had the ability to manipulate the real-world based upon its interactions and its observations, that is like another level towards the future of AI.

So the whole point of this, the whole point of lesson six is for you to understand that I don't even understand. I've been doing this for 20 years and I've been directly involved with some of this stuff and I don't even know what's coming. So no one is going to know what's going to come from the AI.

We don't know because we have the ability to query things that we never had before. And we have the ability to basically ask questions of the entirety of the human race and the human race's knowledge. So, once we start asking the correct questions, then we'll get the answers. Then we'll start knowing the questions to ask based on those answers.

But right now, we're not even anywhere close to that. Right now, we're still just in the infancy of it. So, what is the future? We have no idea. More than likely is going to be cohabitation and like cybernetic implants in humans. That's the real future.

But the future of workflow automation is the same thing. You're gonna have processes no matter what. Those processes are made of tasks. Those tasks are gonna be either made by a human or made by an algorithm. And they're going to have inputs, transformations, and outputs. This isn't going to change. This is just the way. So you're always going to have that. You're always going to have bottlenecks. You're always going to have linchpins. You're always going to have these things that you can come in as a person who's systematic thinking and help people get out of their own way, right?

So the future is the past. The future is going to be the same thing that you've been doing this entire time, but it's going to be used differently with AI.



You're just going to have the ability to tack AI on, and it's going to give you insight that you never had before. So if you listen to Google, AI is one of the most profound things we're working on as a humanity. It's more profound than fire or electricity. Do you imagine this is coming from the people that are going to be replaced by AI? Google search is going to be replaced by an LLM. Why would you search when you can ask an answer? Like, it doesn't make any sense. Why go on a path of searching when you can just ask something that will give you back the answer that's verifiably true?

So what did you know and learn in this module?

You learned what process optimization is. You learned what workflow automation is. You learned how to integrate AI on top of process optimization and workflow optimization. You learned how to sell this to the C-suite. You learned what is going to come down the pipe when people are going to ask you questions about the future of AI. You kind of understand where your role is I hope in this and that you are there to make the avenue for AI. You are there to make sure that everyone has a path to follow, has processes to see and understands what you actually are doing when you're putting AI inside of a company. Like you're actually optimizing their processes. You're automating out everything. And you're getting people to go from that process time to that productivity time. And you're allowing them to do the job that they actually were hired for.

So hopefully you learned a lot in this module and we'll see you in the next one.