<u>Learning Story Using Kolb's Cycle</u>

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Teaching with AI

1. Concrete Experience (What happened?)

Invasion of AI into all walks of our lives including teaching seems inevitable. We have been doing many things unknowingly through AI, particularly with mobile on a day-to-day basis. There was a speculation of people losing jobs with AI. Fortunately, now it is being said everywhere - " Jobs are not replaced by AI, but with people who can use AI.

I felt it is true with teaching as well. I came with a thought, "Why can't we reduce our routine / mundane tasks with AI and explore how we can improve our teaching?"

2. Abstract Conceptualization (What did you learn?)

As ChatGPT is the best tool that can be used. I started using ChatGPT for identifying the capabilities of LLMs in terms of helping the teaching community with mundane tasks like preparing attendance reports, result analysis and summarizing the feedback.

Next, I started using CharGPT on improvising existing learning objectives of my present course and mapping them with higher level Bloom's Taxonomy. Not just improving the learning to objectives to higher levels, but how the teaching can be improved to achieve those objectives and what components of content are to be added.

3. Reflective Observation (What did you notice?)

Based on my learning, the following observations are made:

i) The mundane / routine activities can be automated and will help the teacher save a lot of time.
ii) As far as using LLMs are concerned for any activity related to teaching - one must be careful to go through the suggestions made or content provided, the same needs to be thoroughly checked and validated by the teacher before it is used for passing it on to the students or for implementation.
iii) AI tools can be effectively used for improving the teaching if the whole exercise is carried out well before the actual classroom usage, so that the whole thing can be checked for its accuracy.

4. Active Experimentation (What will you do next?)

I have already started using AI tools (LLMs) for my teaching sparingly at this point of time, because it requires thorough review before it is actually used. I wish to use it incrementally in future so that I can make students improve their learning with critical thinking through real-world examples.