AI IN PERSONALISED LEARNING

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Introduction:

Artificial Intelligence is a branch of computer science which deals with the building of intelligent systems possessing various cognitive human qualities, which includes the capabilities to recognize pattern ,comprehend ideas, plan, solve problems, make decisions, retain information, visualize perception and language translation.

AI's ability to process enormous acquisitioned data accurately and learn from past experiences to generate outputs makes it a powerful tool across various domains, such as healthcare, finance and most importantly education.

- What is Personalized learning?

  The technological and scientific advent has come to the point where it is not quite surprising to get AI powered personalized education for each individual. Instead of the presence of multiple teachers making education quite time consuming, the 'All-in-one AI' provides the splendid experience of an individualized time efficient learning, thus keeping enough time for leisurely activities.

- AI provides various adaptive learning platforms which uses its learning and decision making capabilities to help adapt to personalized preferences. These tools not only help the teachers to diversify the concepts , by 'combined human-AI' efforts but also contributes to feedback prone education ,enabling students to self analyze and introspect.

- The advent of various chatbots, AI-supported visualized learning has made learning quite easier by predictive analytics and Natural language processing based efficient question- answering cycles.
- For instance, Knewton, Dreambox have created intelligent learning systems that offers experiences of personalized education .
- However, the ever upgrading potential for technological advancements ,makes us await for an era of artificially led personalized educators.