

How AI(Artificial Intelligence) can be used to analyze the medical records in OpenMRS.

What is AI?

AI stands for Artificial Intelligence it is the capability of Machines or Software to perform some tasks automatically or develop Self-Intelligence like a human.

When presented with an unfamiliar task, a strong AI system can find a solution without human intervention.

Because hardware, software and staffing costs for AI can be expensive, many vendors are including AI components in their standard offerings, as well as access to Artificial Intelligence as a Service (AlaaS) platform.

AI as a Service allows individuals and companies to experiment with AI for various business purposes and sample multiple platforms before committing.

How can we use AI in OpenMRS?

Some basic ideas which are:-

1. AI Assistant:- As a beginner, the OpenMRS system seems a little bit complex so an assistant should be there which pop-up on screen and teach you about how to use OpenMRS and what it is.

2. AI medicine billing & expenses calculations:- In the task in which we are asked for the ideas to improve OpenMRS. I suggested that OpenMRS should have a billing system for selling medicine too. So we can add an AI which can suggest medicines for the patients & also tells the cost of medicines and other medical expenses such as Reports and Tests like C.T Scan, MRI & Blood test. So that patients know in advance that how much money he would be needing to get this treatment.

3. AI visit reminder:- So we can link OpenMRS Android client with the Software in the providers PC and we can plan the duration of time after which patients have to visit Doctor (PROVIDER) for a medical checkup. So there will be a notification in the patient's phone through Android client that tomorrow he has to visit his Doctor (PROVIDER) for a checkup. (I got this IDEA because I India people are not concern about visiting doctors on time which lead to serious diseases). These are my IDEAS and I have not copied it from anyone. I hope you like it.

Reference-

1. <https://searchenterpriseai.techtarget.com/definition/AI-Artificial-Intelligence>

2. https://en.wikipedia.org/wiki/Artificial_intelligence

By - Devansh Khetan



OpenMRS