

Name:- Mangesh T. Gite

BE (A) Roll no:- (46)

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AIR (LPI) Assignment - 02

Aim:- Develop elementary chatbot for suggesting investment as per the customers need.

Problem Definition:- Develop elementary chatbot for suggesting investment as per the customers need.

Theory:-

- What is a chatbot?

A chatbot also known as chatter bot, bot, artificial agent, etc. is basically software program driven by AI which serves the purpose of making a conversation with the user by texts or by speech. Famous examples include Siri, Alexa,

- Limitations with a chatbot :- With increasing advancements there also comes a point where it becomes fairly difficult to work with the chatbot following are few limitations we face with the chatbots.

- Domain knowledge :- Since true AI is still out of reach, it becomes difficult for any chatbot to completely fathom the conversational boundaries when it comes to conversing with a human.

- Personality :- Not being able to respond correctly & fairly poor comprehension skills has been more than frequent errors of any chatbot, adding a personality to a chatbot is still a

benchmark, that seems far far away. But we are more than hopeful with the existing innovations & progress - driven approaches.

Traditional
Bots

Current
Bots

Future
Bots

- 1) System Driven
Driven by back-
- & - forth
communication.
Communication
at multiple
levels.
- 2) Automation Based
The automation
is at the
task level.
Automation at
the service
level.
- 3) Minimal functionality
Maintains
system
context.
Ability to maintain
task, system &
context.
- 4) Maintained only system context
Maintains
task context
as well.
Introduction to
master bots &
eventually a bot
as as well.

* Conclusion :- Successfully implemented the chatbot.