

- MIPS Bot AMA
 - CS 21-316
- The Linux Foundation
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- Purpose Statement
 - To mitigate the decreasing availability of mainframe resources and knowledge, this project aims to develop an interactive chatbot capable of providing the user with accurate answers utilizing various dictionaries, documentations, and crowd-sourcing supported by self-training machine learning.
- Project Goal
 - Working prototype of chatbot assistant, within the given limitations of IBM Cloud lite version, that successfully demonstrates self-training machine learning and is technically structured to allow continuous development in its knowledge base through crowd sourcing via github logs
- Scope
 - *Minimum Requirements:*
 - Limited working prototype of assistant capable of handling select questions/content utilizing self-training machine learning.
 - *Boundaries:*
 - The assistant should be capable of successfully responding to questions regarding a range of mainframe information provided via crowd-sourcing, dictionaries, and documentation.
 - Given a question is unknown the assistant should provide an explanatory response to the user and flag the github log to enable the later addition of an answer through crowd-sourcing
 - The assistant will not be capable of searching and providing answers from a web browser, answers and questions will be stored in a database.
- Known Constraints
 - Storage and technical capabilities within the constraints of IBM Cloud Lite and/or IBM Cloud Plus Trial versions.