

# Capstone Project 2 - LibroBuddy

**Build a chatbot using machine learning techniques to help users find the right book to read based on their personality type, mood and reading habits. The chatbot should be built and delivered in the next 1 - 2 weeks (By Jan 26)**

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## 1 Context

Often time users struggle online to find the book that would work best for them given their personality type, mood and reading habits. An online search would provide them with different results but no further assistance is provided and it is up to the user to read reviews and make a decision. I am developing a chatbot that will not only offer recommendations but will also answer any follow up questions just like a personal librarian would do.

## 2 Criteria for success

An app (AI based personal librarian) that will provide a human-like interaction to recommend books to users based on their current needs, which is further dependent on their personality type, mood, and the knowledge they want to gain

## 3 Scope of solution space

An online application hosted on a client environment

## 4 Constraints within solution space

Should be delivered in the next 1 - 2 weeks  
Should be hosted online  
Cost of hosting should be close to none

## 5 Stakeholders to provide key insight

General users, Springboard community, Springboard mentors

## 6 Key data sources

<https://www.kaggle.com/datasets/mohamedbakhmet/amazon-books-reviews>

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