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**Idea:** Recommendation System for Audiobook Shuffle App (Libridex)

**Link:** <https://morning-journey-07307.herokuapp.com/>

**Steps Required:**

**1.** Scrape as much data as possible from [librivox.org](http://librivox.org)

**2.** Store indexing information alongside classification data in database.

**3.** Pull from database into python, and train our model via collaborative filtering algorithm.

<https://www.kdnuggets.com/2019/09/machine-learning-recommender-systems.html#:~:text=Recommender%20systems%20are%20an%20important,to%20follow%20from%20example%20code>

**4.** Store the results as a set number of ‘recommended’ (ex. 3) audiobooks alongside each audiobook in the database.

**5.** Serve these recommendations from Flask to the UI client layer application.