As stated during the “Ice Breaker” I am an avid Magic: The Gathering player. I am also trying to learn some basic machine learning tactics. I am currently working on a machine learning script that can give suggest relevant cards based on the current meta (which decks are currently preforming well, etc.).

To make this happen we first need a database of all cards and cards that are currently preforming well. We need to format the data to take out irrelevant data and focus on what defines a card (i.e. the year it was printed is irrelevant). We transform the data into a matrix of indicators and train a prediction algorithm. Once we have that and the user input, we can find cards that share similar properties with preference to cards that are currency relevant.

Import All Printed Cards

Internet

Import Current Meta

Server

All Cards

Currently Relevant Cards

Predictive Model

User opens app

Present cards to user

Most relevant cards