**Design**

Autoencoder which receive an input for each user a vector with size of NUM\_ITEMS, which describe the items he watched / purchased / liked / etc or not. Matrix of n X m, where n is the number of users and m is the number of items.

* The loss will be first MSE, after this, implement Focal Loss for imbalnced classification
* **Preprocess:**
  + Items – Users vectors
  + Find incorrections in the data
  + Train – validation split
    - Random based
    - Popularity based