Jan 4 Day 37 Explaining my understanding of the Movie Recommendation Engine by hand 1. Step: Imputing neccessaries libraries and dependencies ML will be done using sci.scit lening. The fibraries of interest are -> lount rectorizer: change text. do luments to integers prectors. Most of the libraries work better with numbers

Detween files of interest Also we will import pandast to work with dataframes. und data A Step 2: Import and read the data.

dotn = pd. read_(sv("data.s"))

A data forecal

Mythen (unmend) . Get details of file data infoli) :+ but into mation about al non headings of data, ne of datu quet are non-null. Fill the mull now's [columns 2 atu. co funnol): Get info about the

Step 3: Sole it the features to be used inputs of interest 'Whacese In the +features = ['a', 'b', 'e'] they are list Step 4'. Put all the features of interest in 1 onething run rolamn for feature in teatures: df[frature] = df[frature]. fillna (') This is how this works. first feature is a in features. as [a] = df[a]. fill nal"), I Sure this

We used an empty string fillnal') because the datatype is a string. If numerical value, the oppropriate type placeholder For definition Lat combine feature (now): when we is the contract the con Creating when in data former. df [combined feature]: df-apply (combine feature)

To access a particular data in the later df. ilvc[0] ('umbired features')

Almham griffun vernent

for y a (165) Step 4'. Convert feat. do cument to intyrus! cv = WunjVertxizer (-) (ound-matria: cv. fit-transtorm (df ("combined-fatures")) I view in humani andable from a = count.matria.panay () Ly allows to Vilen

Acces vocabulating laurent by bundbatrison

Violab = CV. Vocabulary - · Keys ())

(Nie-similaris

combined feets Cos-sime costre-simplist