6. Deep Learning For
Personal Journal Classification

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VS

- Self-Confidence
- Reduced Stress
- Reduce Anxiety
- Progress and Growth

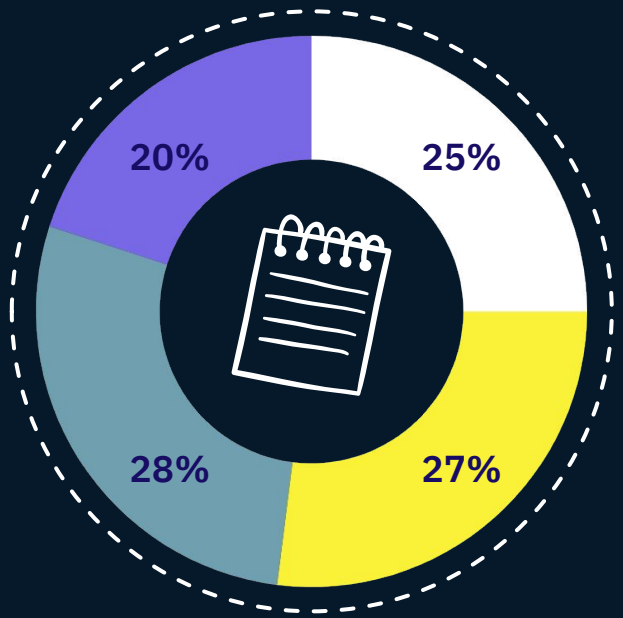
- Depression
- Stress
- Anxiety
- Self-Absorption

LIFE CONTENT

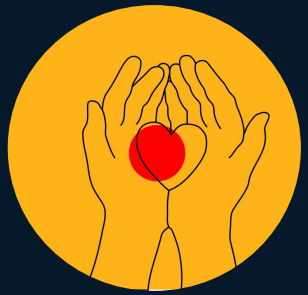
ACTIVITIES

SIGHTSEEING

RUNNING

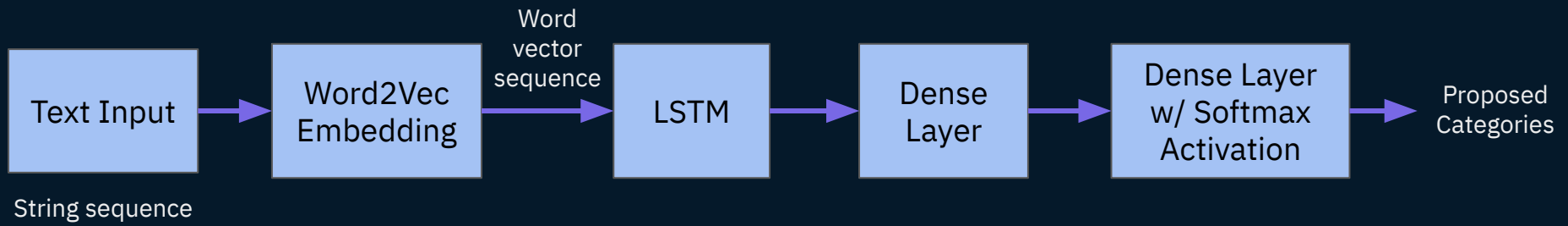


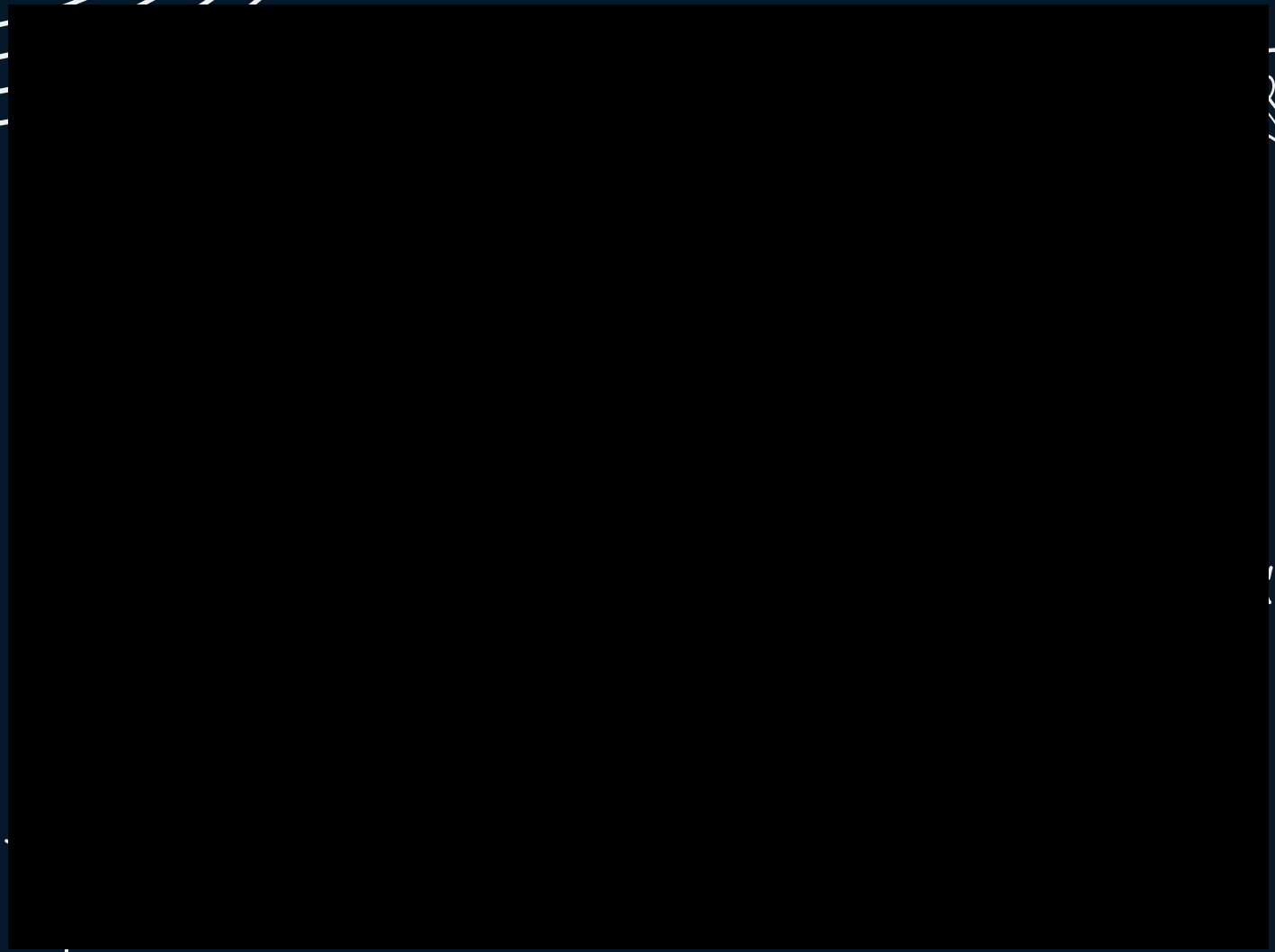
GRATITUDE



SOCIALIZING

PROPOSED ARCHITECTURE





RESULTS

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tech1 = "Today I bought a new computer, after trying to download RAM on my old laptop and getting a virus. This new model has far more processing power, and a high definition screen. Because
tech2 = "I tried the firefox browser this afternoon, and I think I won't be using google chrome any longer. The default search engine is much more accurate, and it is genuinely an inspiring
tech3 = "Sony just released the new ps5, but as a true gamer, I think I will stick to my xbox. Any gamer knows that playstations and PCs are inferior, and mobile games are unspeakable."

tech = [tech1, tech2, tech3]

sports1 = "I have been getting into football recently, chelsea is my favorite club. My friends prefer tennis or rugby. I might join a rookie football team one day in my local league."
sports2 = "My team lost the world cup. I am sad, but the true victory is the friends we made along the way."
sports3 = "chelsea made a brilliant defensive play in the last game. chelsea held most of possession in the second half, and claimed a clean victory."

sports = [sports1, sports2, sports3]

business1 = "Inflation in the US is causing major economic troubles. The value of the US dollar is at an all time low, and I am losing my life savings to the stock market."
business2 = "Major companies should give their employees more paid time off to see an increase in productivity and revenue."
business3 = "Can a bank declare bankruptcy? Do insurance companies go into debt?"

business = [business1, business2, business3]

politics1 = "Make sure to cast your votes on election day. The best candidate deserves to govern."
politics2 = "Political parties make voting options slim. Why do we all need to vote for the big guy to be useful to the election?"
politics3 = "Polls say citizens do not want to vote for government officials who start cover up wars."

politics = [politics1, politics2, politics3]

entertainment1 = "A new movie is premiering tomorrow starring hollywood actor kevin bacon. The production company is hoping for high ratings and high box office sales."
entertainment2 = "New rap albums are being released this week. Rap is my favorite genre of music, and should be highlighted more at the grammys. My favorite artist got 10 nominations last ye
entertainment3 = "2D animation is much more impressive and artistic than 3D animation. I miss the days of 2D cartoons being the majority of kids shows."

entertainment = [entertainment1, entertainment2, entertainment3]
```

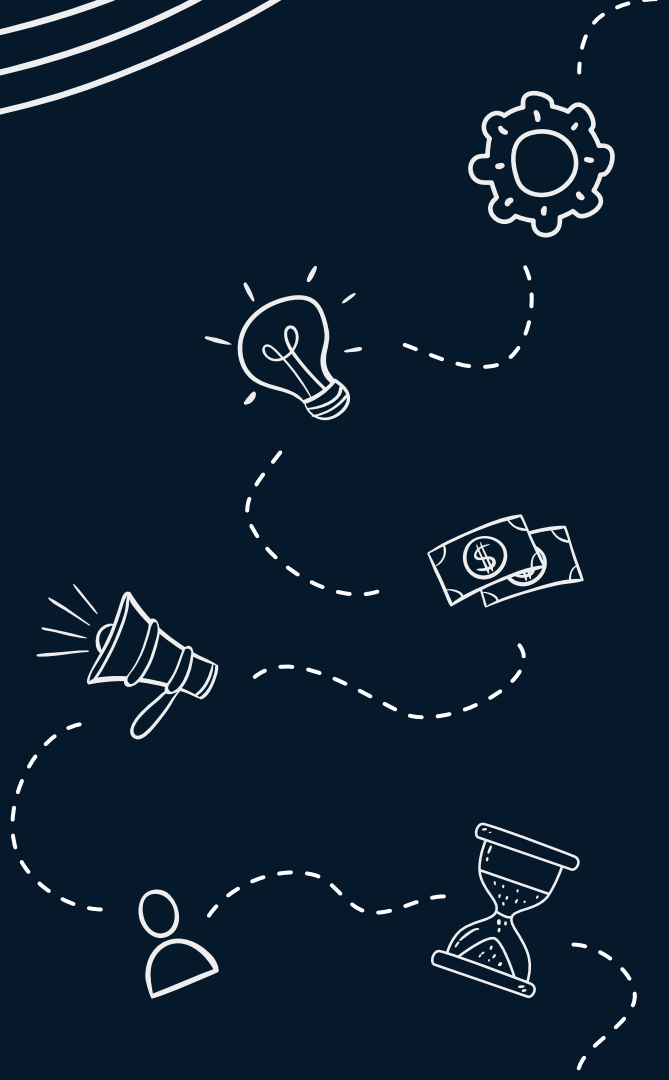
```
The most similar entry to tech1 is tech2
The most similar entry to tech2 is tech1
The most similar entry to tech3 is business2
The most similar entry to sports1 is sports2
The most similar entry to sports2 is sports1
The most similar entry to sports3 is sports1
The most similar entry to business1 is entertainment1
The most similar entry to business2 is tech3
The most similar entry to business3 is tech3
The most similar entry to politics1 is politics2
The most similar entry to politics2 is politics3
The most similar entry to politics3 is politics2
The most similar entry to entertainment1 is business3
The most similar entry to entertainment2 is entertainment3
The most similar entry to entertainment3 is entertainment2
```

FUTURE

Group without preset categories
Train on more variety of data
    In progress: Yelp and Google Web Searches
Ask users to validate similar journal entries to improve model

THANKS!

DO YOU HAVE ANY QUESTIONS?



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