1 Getting started

Make absolutely sure you understand the McClelland paper. It is short, but contains many small details that are important. The points below are necessary but not sufficient for a good lab report. Make sure you describe and explain your work well. Use natural language, do not use bullet points or other forms of condensed writing.

2 Preparing your data and setting up the network

What data structure did you use to store the matrix that you downloaded and why?

How did you decide to represent inhibitory connections?

What arguments did you implement in the `__init__()` method?

3 System dynamics

Explain what decay entails. Why is this an important part of the model?

There are four equations listed on p. 171 of the paper. Explain all four of them in your own words.

Were you able to implement all four of them in your `update_activations()` method? Describe your implementation and how it is similar to the paper. How did you sum over excitatory and inhibitory connections? What is meant by the *active range* of activation?

4 Probing the network and getting information out

Include all figures in your lab report.

Do your results agree with the results from the paper? If not, where do you think the differences arise from? Describe the differences.

5 Evaluation

What parts of the assignment did you find particularly easy or difficult?