

Prereqs for the program:

These are assumed in classes offered through CSC and School of Information:

Python:

- <https://classroom.udacity.com/courses/cs101>
- <https://developers.google.com/edu/python/> (especially the videos)

Data structures

Linear algebra:

- Vector and matrix multiplication:
<https://towardsdatascience.com/linear-algebra-cheat-sheet-for-deep-learning-cd67aba4526c>
- Implementation using numpy: <https://docs.scipy.org/doc/numpy-dev/user/quickstart.html>

Logarithms, log space

These were reviewed in class when needed, but would be good to know:

Calculus:

- Differential calculus
- Partial derivatives

Probability theory and statistics (reviewed in class when necessary)