Deep Q Learning: From Paper to Code

Required Background, Software, Hardware

Software Requirements

- Python 3.6

- Due to interdependencies

- Can use separate environment or downgrade

Python Proficiency Required

- Core features

- List comprehensions

- Looping

- Classes & inheritance
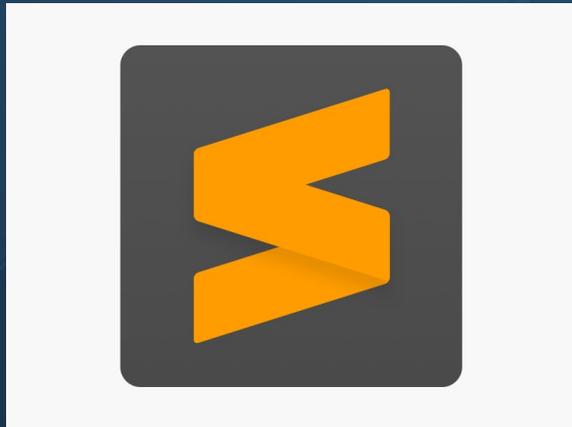
Recommended Mathematics

More is better

Calculus, linear algebra

What about Jupyter?

- Won't be using them!

- Basic implementation is … too basic

- Feel free to use for demonstrations

Code Editors

Hardware Recommendations

- nVidia GPU → GTX 700 and above

- CPU works; simple environments

- I will post pretrained models for use

Conclusion

- Familiarity with Python

- Mathematics is helpful

- Python 3.6 and reliable code editor

Up Next