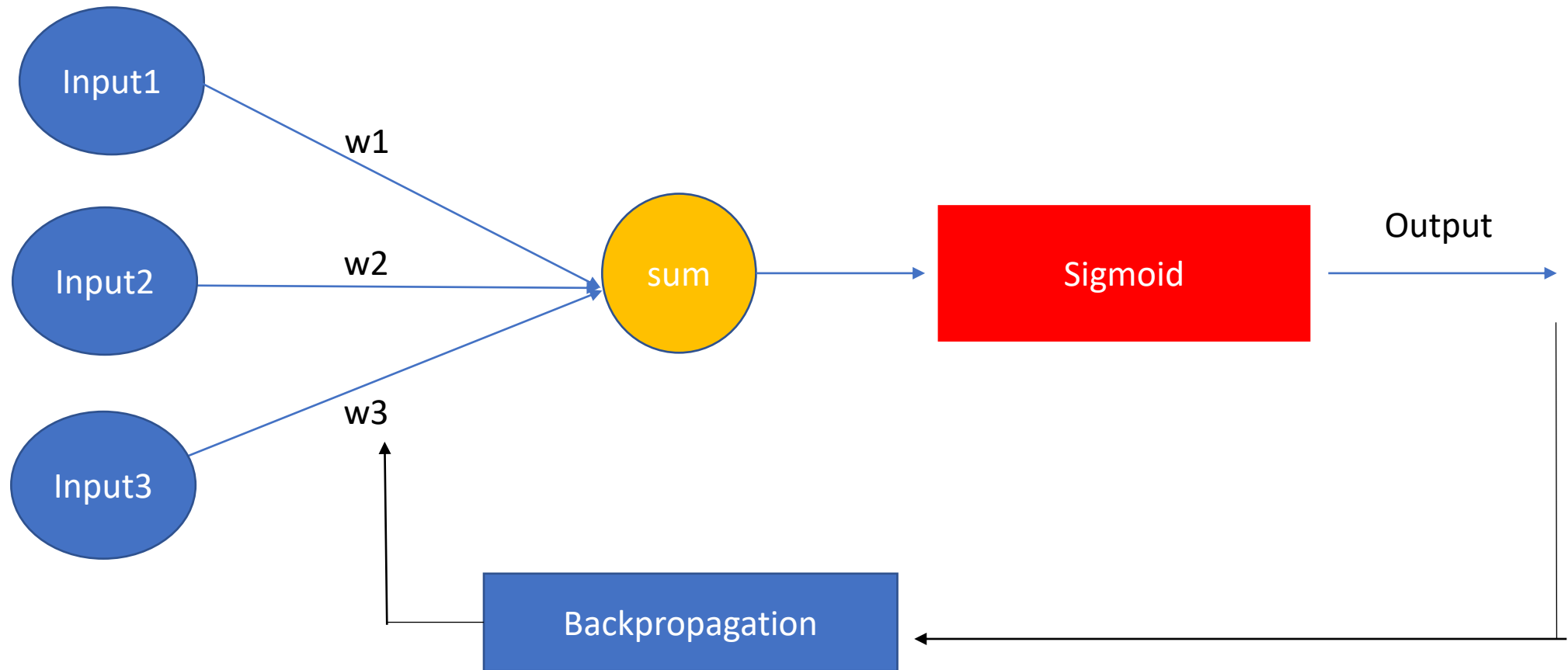# Lab 7

10/17/2022

You Zhou

Simple Neural Network implemented by Python

Install Pycharm and Anaconda

- Run simple_neural_network.py
- You will see a message that "numpy" is missing.
- Go to Anaconda and install "numpy" and run again.

Anaconda Navigator

File   Help

ANACONDA.NAVIGATOR

Connect ⌄

🏠 Home

📦 Environments

📖 Learning

👥 Community

Search Environments 🔍

base (root)

pythonProject

pythonProject1 ▶

Anaconda Notebooks
Cloud notebooks with hundreds of packages ready to code.
Learn More

Documentation

Anaconda Blog

Installed ⌄   Channels   Update index...   Search Packages 🔍

Name ⌄	T	Description	Version
☑ mkl	○	Math library for intel and compatible processors	↗ 2021.4.0
☑ mkl-fft	🐍		1.3.1
☑ mkl-random	🐍		1.2.2
☑ mkl-service	○	Python hooks for intel(r) math kernel library runtime control settings.	2.4.0
☑ mkl_fft	○	Numpy-based implementation of fast fourier transform using intel (r) math kernel library.	1.3.1
☑ mkl_random	○	Intel (r) mkl-powered package for sampling from common probability distributions into numpy arrays.	1.2.2
☑ numpy	○	Array processing for numbers, strings, records, and objects.	1.23.1
☑ numpy-base	○	Array processing for numbers, strings, records, and objects.	1.23.1
☑ openssl	○	Openssl is an open-source implementation of the ssl and tls protocols	1.1.1q
☑ pip	○	Pypa recommended tool for installing python packages	22.2.2
☑ python	○	General purpose programming language	↗ 3.9.13
☑ setuptools	○	Download, build, install, upgrade, and uninstall python packages	63.4.1
☑ six	○	Python 2 and 3 compatibility utilities	1.16.0
☑ sqlite	○	Implements a self-contained, zero-configuration, sql database engine	3.39.3
☑ tzdata	○	The time zone database (called tz, tzdb or zoneinfo)	2022c

23 packages available

➕ Create   🗍 Clone   ⬇ Import   ⬆ Backup   🗑 Remove