



Crash Course: *Getting Started with Python & Deep Learning* (for non-programmer/biologist) by Gopal Karemore

(Maximum-40 seats: registration required)



In this crash course you will learn the basic Python coding furthermore how to use it to develop and evaluate deep learning models. Deep learning does have a lot of fascinating math under the covers, but you do not need to know it to be able to pick it up as a tool and wield it on important projects and deliver real value.

This course will be complement to get the maximum benefit in understanding the upcoming 2 days (31st May and 1st June) workshop by Deep Learning expert "Tarry Singh: <https://tarrysingh.com>" at CPR and Danstem.

Agenda:

1. Download Anaconda
2. Install Anaconda
3. Start and Update Anaconda
4. Install Deep Learning Libraries
5. Basics of Python coding (Beginner level)
6. How to write and execute Python code in Jupyter Notebook and Spyder
7. In Brief, how to use functions in Pandas, Scikit-learn, Matplotlib libraries
8. Working example of CNN (Object Detection) and RNN (Chatbot)
9. How to execute Tarry's example scripts from <https://github.com/TarrySingh/Deep-Neural-Networks-HealthCare>

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Required: Please bring your Laptop (Windows/Mac) with Internet connection

Venue: CPR-06-02-09 Seminar Room

Date & Registration: **18th or 25th or 28th May (12:00-16:00)**

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