

## Tkach, Colleen

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**From:** Inform  
**Subject:** EM: Machine Learning workshop series starting this Friday

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**From:** Aashita Kesarwani

Dear students at 7Cs,  
A workshop series on machine learning using tools in python is starting this Thursday (Oct 20th) at HMC. If you are interested, please find more information below and [register using this link](#).

Short version:

What: [A Hands-on Workshop series in Machine Learning](#)

Who: All 7C students

When: **3-5 pm PST on Tuesdays and Fridays from April 7th to April 28th, 2023 (7 sessions in total)**

Where: [Shanahan 3465 \(Grace Hopper Conference room\)](#) or remotely via Zoom (link will be shared when you [register](#))

Long version:

The workshop series is designed with a focus on the practical aspects of machine learning using real-world datasets and the tools in the Python ecosystem and is targeted towards complete beginners familiar with Python.

You will learn the minimal but most useful tools for exploring datasets using pandas and then be gently introduced to neural networks. You will also learn various architectures such as Convolution Neural Networks (CNN), Recurrent Neural Networks (RNN), transformer-based models, etc., and apply them to real-world textual and image datasets.

Please **register using [this Google form](#)** to save your seat. It is highly recommended to attend the workshop in person as you will be coding in groups and participating in discussions, but there is an option to join remotely via Zoom. The Zoom link and the recordings for each session will be shared with the registered participants. Please have a look [here for more information](#), including the topics to be covered. You are free to attend some of the sessions while skipping others if you are already familiar with certain topics.

Best,  
*Aashita Kesarwani*  
*Data Scientist*  
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