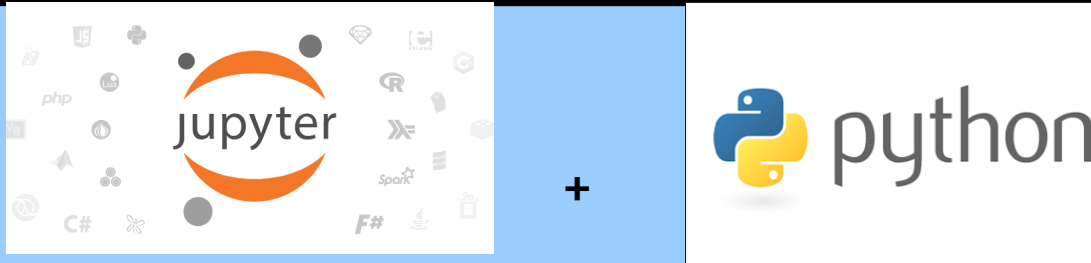


**Date:** Thursday, November 15th  
**Time:** 12:15-1:15pm  
**Room:** Technology 160

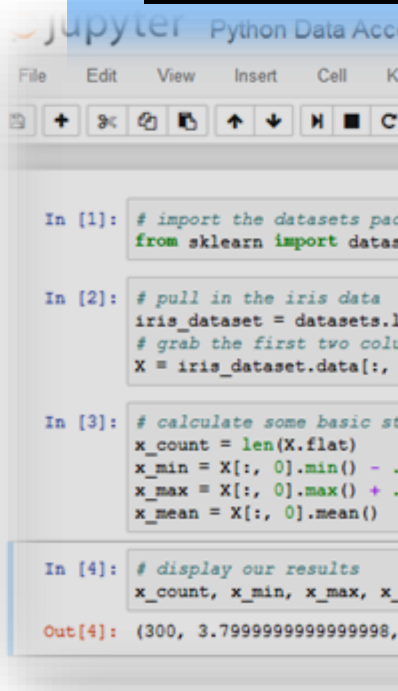
## PSM SPEAKERS SERIES PRESENTATION

**Dr. Joaquin Carbonara presents:**

### *Why use Python and Jupyter Notebooks for coding, handling data, and more*



**a practical combination**



#### **Python:**

- is a **general-purpose** language which may be used for almost all problems your computer is capable of solving
- is an **interpreted language** meaning that you can run code and see results immediately VS a time-consuming, compile and run cycle
- has a standard library, with numerous third-party libraries offering a large array of existing codebases and examples for solving problems

#### **Jupyter offers:**

- simplicity, not typical of how most coding is created
- “literate programming” meaning that users may organize and describe thoughts in prose, with added math equations when writing code blocks
- an open-source web application that allows you to create and share documents which contain live code, equations, visualizations and text

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