**Web Scraping using Jupyter Notebook**

Have you come across an article (or a data) on the Web that you have really liked? Are you tired of copy and pasting the article (or a data) into a text or csv file hoping that there was an easy way to do it? That is exactly what we will be covering in this workshop. This is a hands-on session with time dedicated (approx. 30 - 40 mins) for the attendees to code. Learners will gain the working knowledge needed to begin Web Scraping using Python’s Beautiful Soup package.

Prerequisites: Some knowledge of Python and HTML/CSS required.

**Objectives:**

To begin with, we will introduce the concept of Web scraping and explore other alternatives such as API’s. We will also briefly discuss about the one of the most popular and widely used Python IDE - Jupyter Notebook and learn how to code in the Notebook. We will then start scraping data using the Beautiful Soup package and store the data in csv file.

**Learning Outcomes:**

At the end of the workshop, participants will be able to:

* Learn the basics of Web scraping and need for it
* Understand the Legal consequences of Web scraping and other alternatives to it
* Establish a working knowledge of the Jupyter Notebook IDE.
* Write and run programs to scrape data from the Web

**Requirements:**

What you will need to participate in the workshop:

* A Windows, Mac or Linux computer with Anaconda (version 3.x) installed.
* Zoom Application installed for the Webinar session

**Deepak Sadayampatti**

Data Scientist and Graduate Research Assistant

Email: [vsadayam@masonlive.gmu.edu](mailto:vsadayam@masonlive.gmu.edu)

LinkedIn: [www.linkedin.com/in/vishnu-deepak](http://www.linkedin.com/in/vishnu-deepak)

GitHub: <https://github.com/Deepak2094>

Medium: <https://medium.com/@deepak.vishnu08>