Make it Mine!
Explore different libraries in Python for specific tasks

Rutgers Libraries - NB Data Science Workshop Series

Pratiksha Sharma
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Fall 2022 Hours

Pratiksha Sharma - Data Science Graduate Specialist

Email: pratiksha.sharma@rutgers.edu
Topics: Data Science, Tableau, Python, SQL & NoSQL Databases
Office Hours (by appointment):
Thursday 12:30 - 01:00 pm (on days when workshop ends at 12:30 pm)
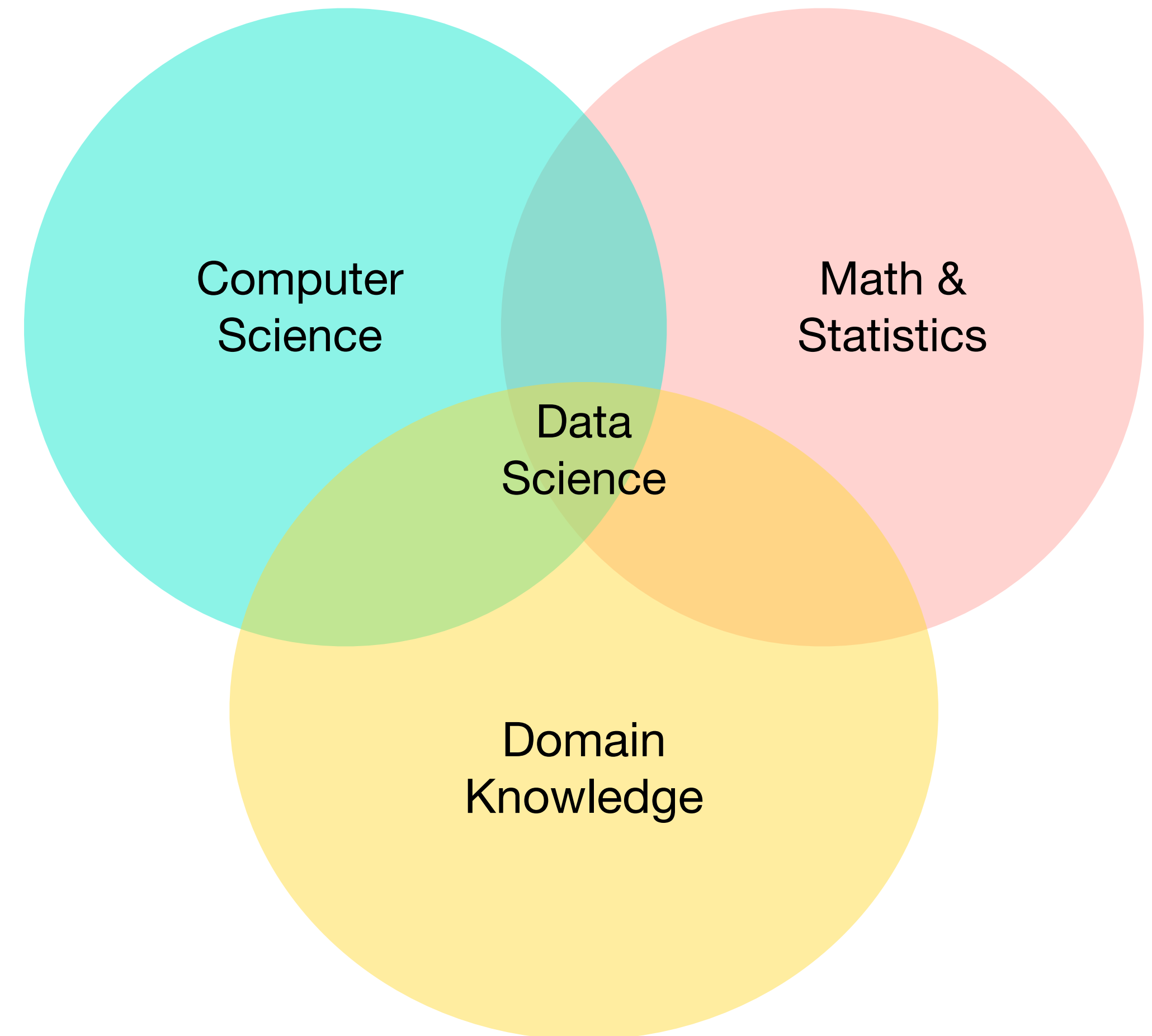Thursday 01:00 - 01:30 pm (on days when workshop ends at 01:00 pm)
General Consultation: Request an appointment via email
Location: Zoom

Quick Look: Data Science

What's all the fuss about?

- A combination of Maths & Statistics, Computer Science and Domain Knowledge.

- This workshop is on Programming - concentrates on the **Computer Science!**

- You don't need to be an expert - but data science is a part of everyday life!

Motivation

Source: Bill Waterson | Universal Press Syndicate

Before we begin..

- We will be using Python3, Jupyter Notebooks, Numpy, Pandas, Matplotlib, Seaborn, Statsmodels & Sklearn in this workshop.

- If you do not know the background of the specific models we would be using, don't worry! You just need to know the functionality/application of the model for today's workshop, which will be explained.

- The goal is to show you how you can use different packages, libraries, modules & models depending upon your use-case to achieve your targets.

- You are encouraged to participate & interact!

- Materials would be provided in the Zoom chat & will be available later on with the workshop materials on: [Rutgers Libguides Data Science Workshops](#)

Before we begin..

- Installations for Today:

1. pip3 install statsmodels/pip install statsmodels

2. pip3 install scikit-learn/pip install scikit-learn

Takeaway:

Modeling is just the last part of your data science project, you will spend most of your time in deciding strategies, preparation & preliminary analysis!

Upcoming Workshops

https://libcal.rutgers.edu/nblworkshops

- "But where do I keep this?!" Using SQL & NoSQL Databases to store your data : Nov 17

- "Powerful & Simple?!" Perform Analytics using MySQL & MongoDB : Dec 01

- A Peek Behind the Curtain: An end-to-end data science project : Dec 08

Feedback Form

https://rutgers.libwizard.com/f/graduate_specialist_feedback