

A Peek Behind the Curtain

An end-to-end data science project

Rutgers Libraries - NB Data Science Workshop Series

Pratiksha Sharma

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Fall 2022 Hours

Pratiksha Sharma - Data Science Graduate Specialist

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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 Meeting Link](#)

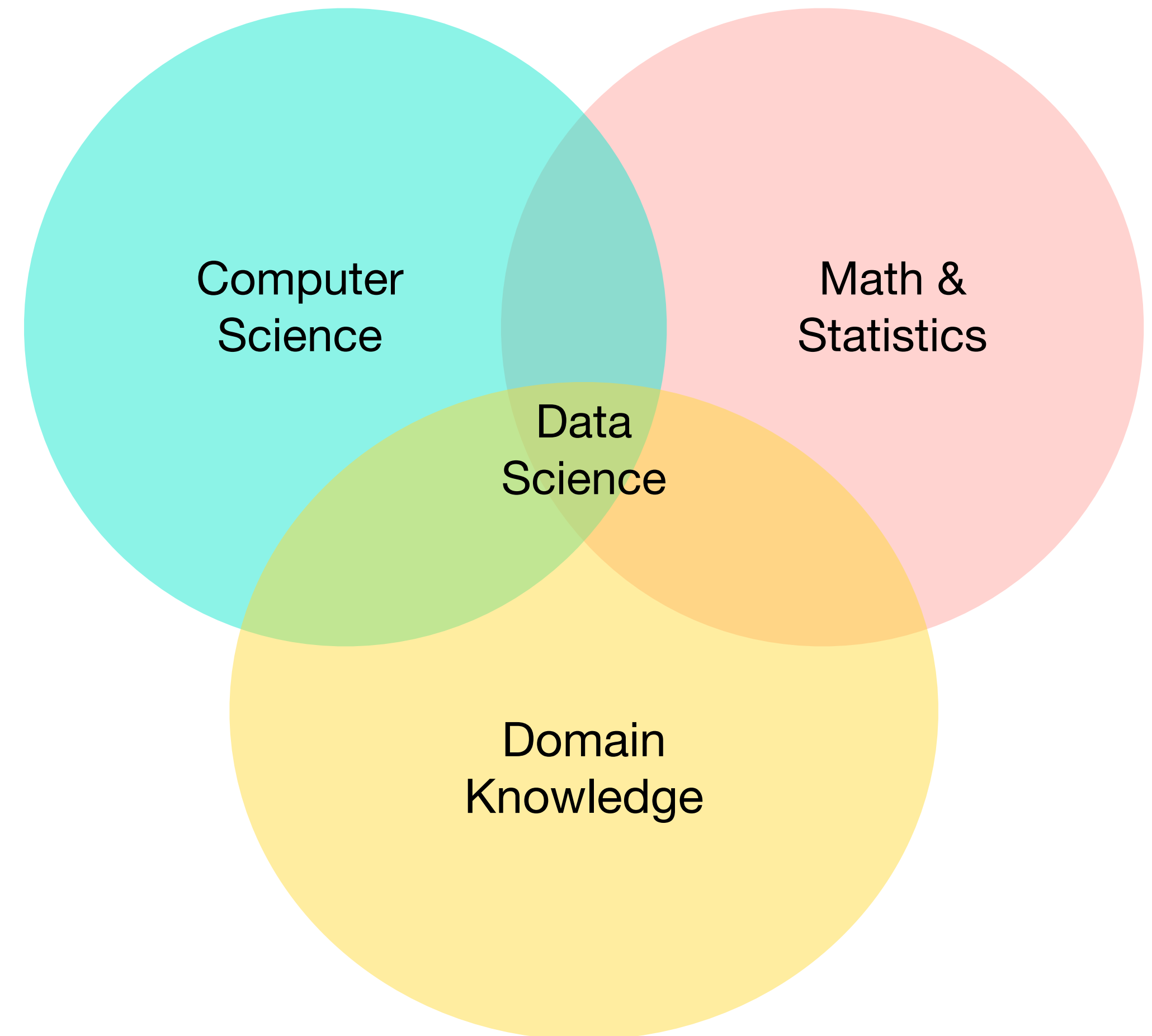
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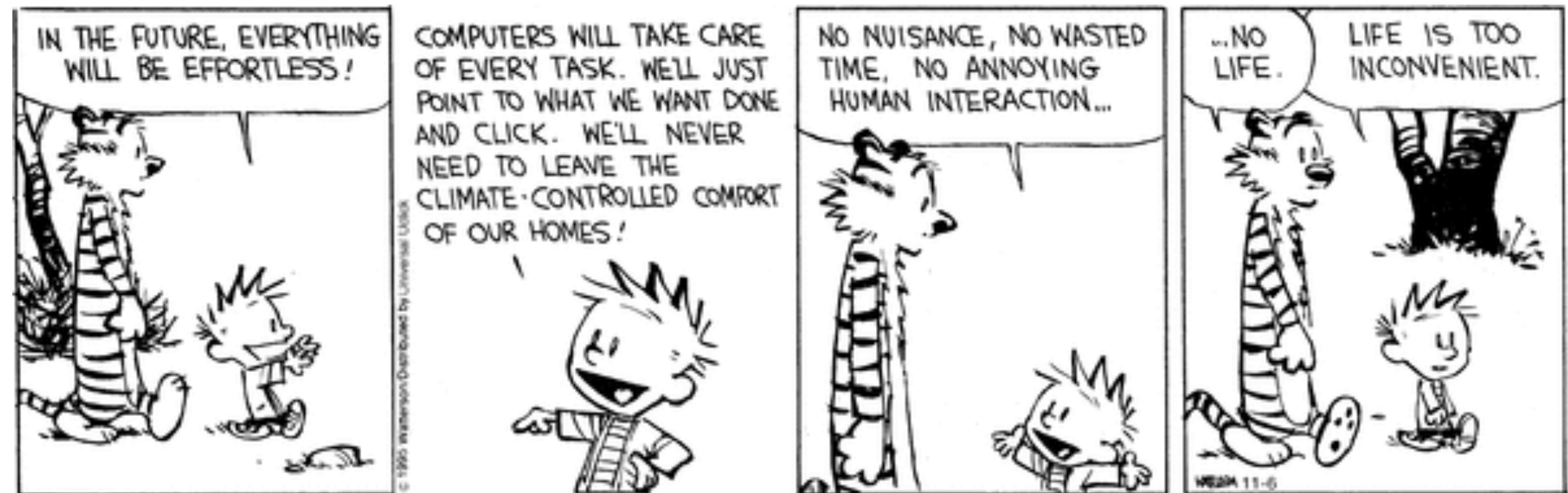
Quick Look: Data Science

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 in this workshop
- 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](#)

`print("Hello to Python!")`

- Python is a High Level Programming Language that works on different platforms (OS)
- It is very close to the actual English language, and was designed with simplicity and readability in mind
- In most cases, it requires shorter, more easily legible syntax to finish work with fewer lines of code as compared to some of the other languages
- It requires writing structure to act as a sentence completer, scope definer rather than characters like parentheses or semi-colons or curly braces
- Fire up your Jupyter Notebook!

Takeaway:

Get the most granular level control of your data!

Feedback Form

[https://rutgers.libwizard.com/f/graduate specialist feedback](https://rutgers.libwizard.com/f/graduate_specialist_feedback)