



## ***Type of the Chat***

- 1: You have incorporated R or other software packages in your work duties
- 0: You have not, but are still willing to learn





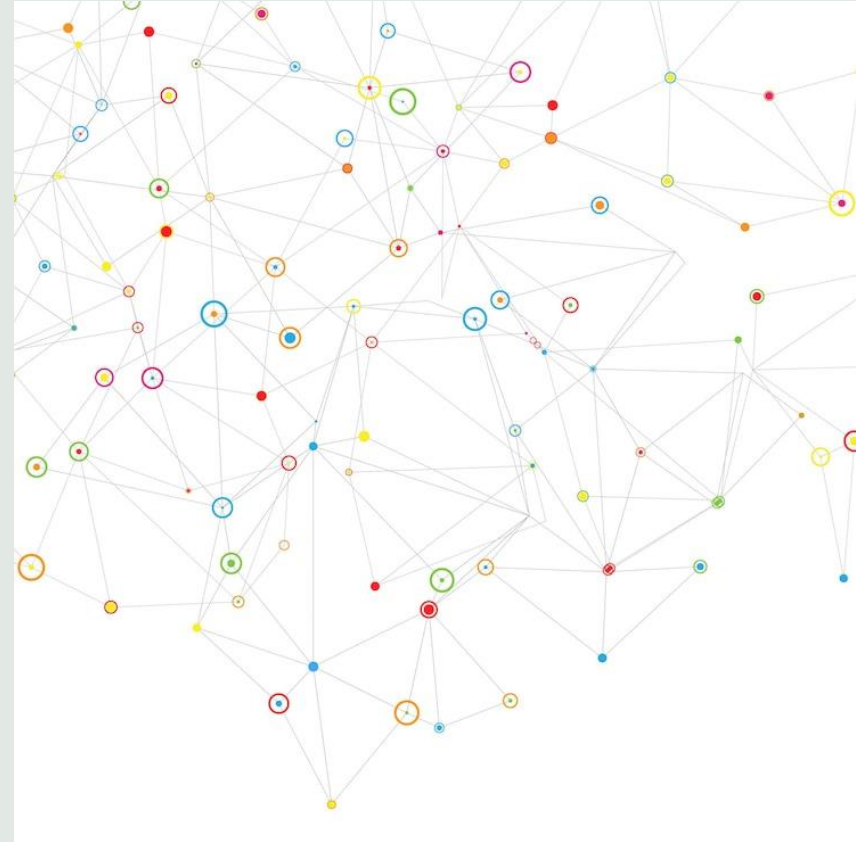
# About Me

- Central Shenandoah Health District Epidemiologist
- Jr Epi for Central Shenandoah from Oct 2019 - March 2022
- Limited experience in R when I first started in 2019
- Started coding around Spring of 2020 to improve epi processes



# Outbreaks

- Two or more linked cases of the same illness or the situation where the observed number of cases exceeds the expected number, or a single case of disease caused by a significant pathogen
- Outbreak responses include:
  - + Identifying potential causes
  - + Implementing control measures
  - + Keeping up to date with information



# Challenges

- Outbreaks may last for a while
- Keeping up to date, accurate information
- Dealing with inconsistent formatting
- Identifying and removing duplicate records



## ***Benefits of R***

- Completing tasks that you need to do more than once
- Processing complex equations
- Navigating large datasets
- Large scale data manipulation
- Less prone to human error

