

# Lecture 3: A real case study

**COSC 526: Introduction to Data Mining**



THE UNIVERSITY OF  
TENNESSEE  
KNOXVILLE

## Live Chat:

# 2020 Breakthrough Prize Winner Shep Doeleman—How EHT Imaged a Black Hole

- Let's watch this video together
  - <https://www.youtube.com/watch?v=KHa0X4y3ulw>
- What is the link between the EHT project and data sciences?
- What are the limits these scientist had to face to rebuild the first image of a black hole?
- How did they resolved the challenges?