Election Modeling
CSC 397/595: Topics in Computer Science

Meeting time: Tuesdays 5:45PM - 9:00PM

Location: Loop Campus

Description: Election Modeling offers a rigorous exploration of the computational methods used to predict election outcomes. Students will explore the foundational elements of election modeling, use Python for data collection, manipulation, and analysis, leverage advanced machine learning models, and apply sophisticated data visualization techniques. The course culminates in a comprehensive project that employs real-time data for predictive analytics, providing students with a platform to critically assess their predictions against actual election results. By the end of this course, students will be equipped to create sophisticated election models, analyze their effectiveness, and comprehend their impact within the broader political framework. This course is ideal for students interested in the intersection of computer science, data science, and political science.