

Team DC21058 Abstract

Electric scooters have become an increasingly popular form of transportation among college campuses. At the University of Maryland at College Park, VeoRide Inc. has installed a fleet of their electric scooters in line with this trend. In the meantime, the COVID-19 pandemic has risen to dominate the daily lives of students. By looking at students' travel patterns on scooters in October 2020 and October 2019, we hope to understand how COVID has affected their movements and how companies like VeoRide can adapt to accommodate these changes. Specifically, we want to analyze common routes and destinations on and off-campus using geojson.io to visualize the coordinate data. With the effect of COVID forcing students to learn from their rooms, only going in public when absolutely necessary, daily routines are clearly altered. As a result, this scooter technology, targeted at students, must adapt its coverage to better suit their needs.