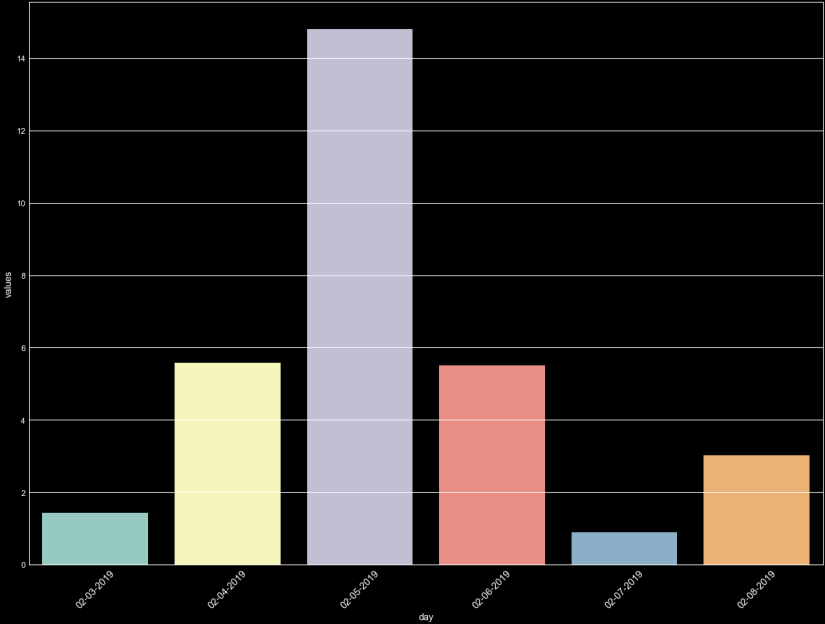
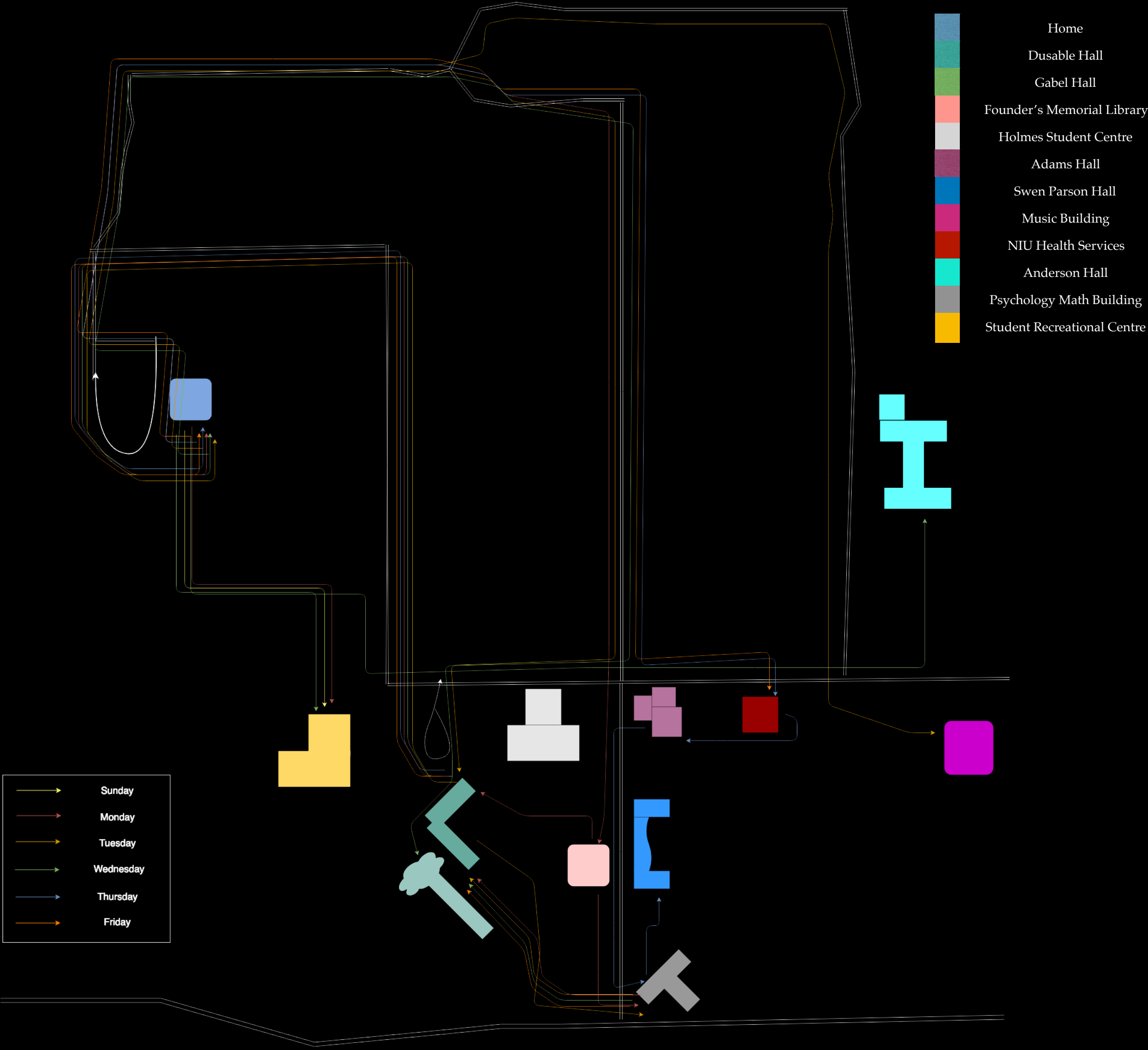


Visualizing daily commute with geo spatial data

CSCI 627

Northern Illinois University Spring 2019



Visualizing screen time across a week

As the week progresses, the time spent on screen increases and midway we can see the drop in screen time. The plot looks like a normal distribution. The sudden drop in distribution can probably be explained by environmental factors that are not encoded in the data.

26.4 miles

Total Distance covered

2.3 hours

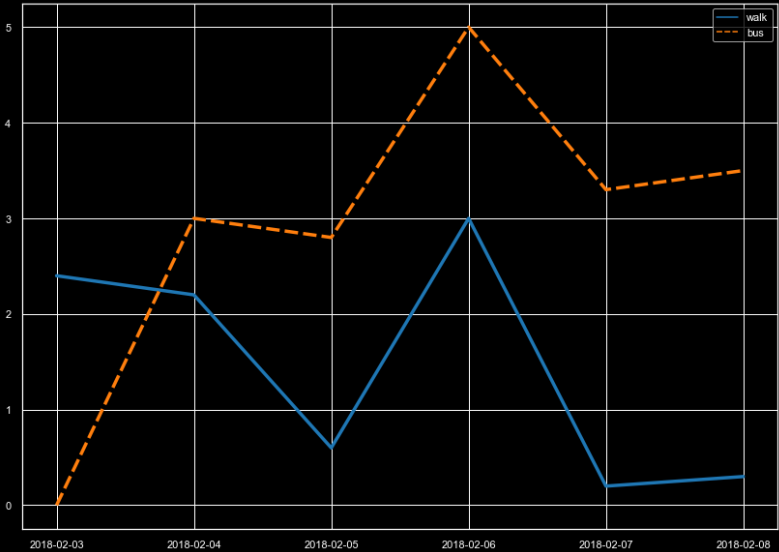
Average time spent on screens

Psychology Math building

Maximum time spent in a building

Swen Parson Hall

Minimum time spent in a building



Understanding relationship between mode of transport and total distance covered

The mode of transport chosen affects the total amount of distance covered in a day. Furthermore, when I aggressively pursued to cover more distance both on foot and on bus rather than incrementally building the total distance I ended up reducing the total distance.