

Usage Exploration of Campus room booking business

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1. About our client

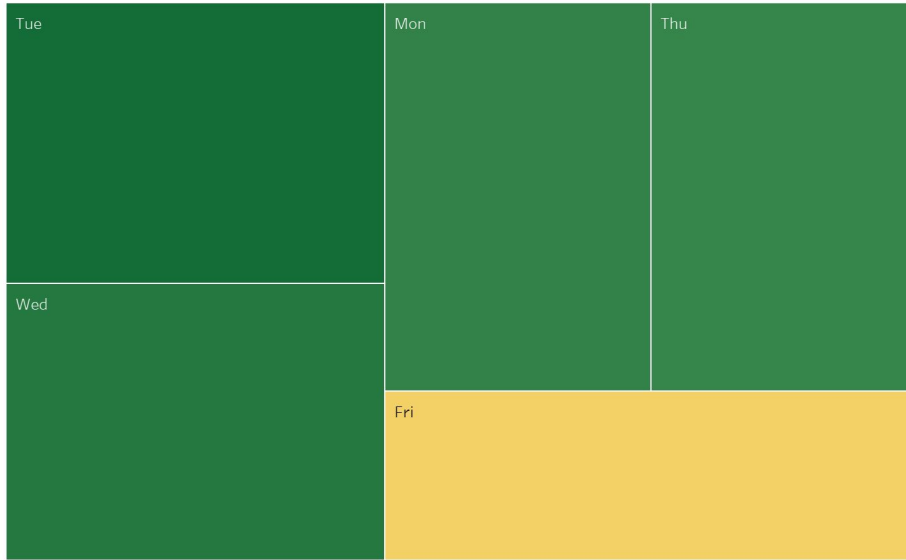
2. Usage of facility

- Usage over weekday
- Usage over the month
- Usage on evening
- Presence over room types

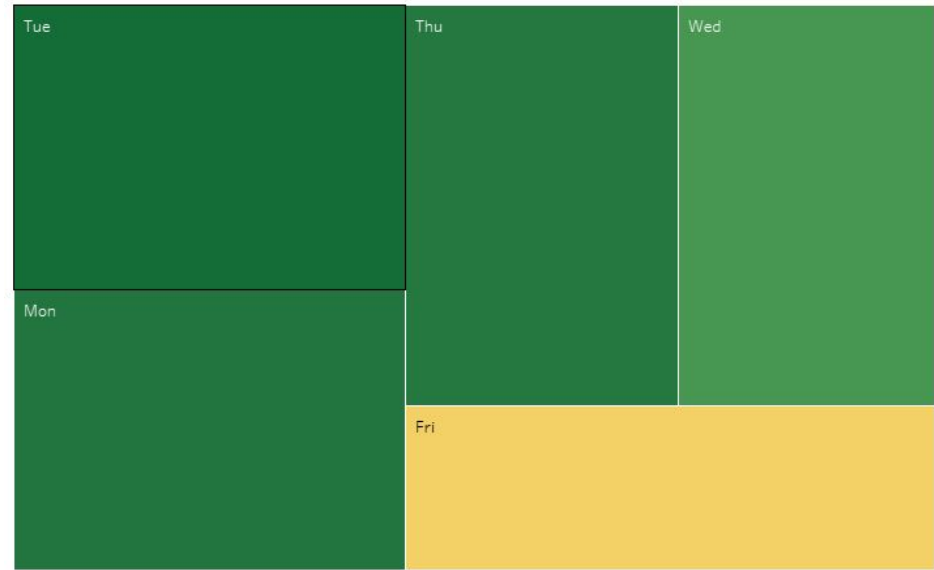


Usage - usage over weekday

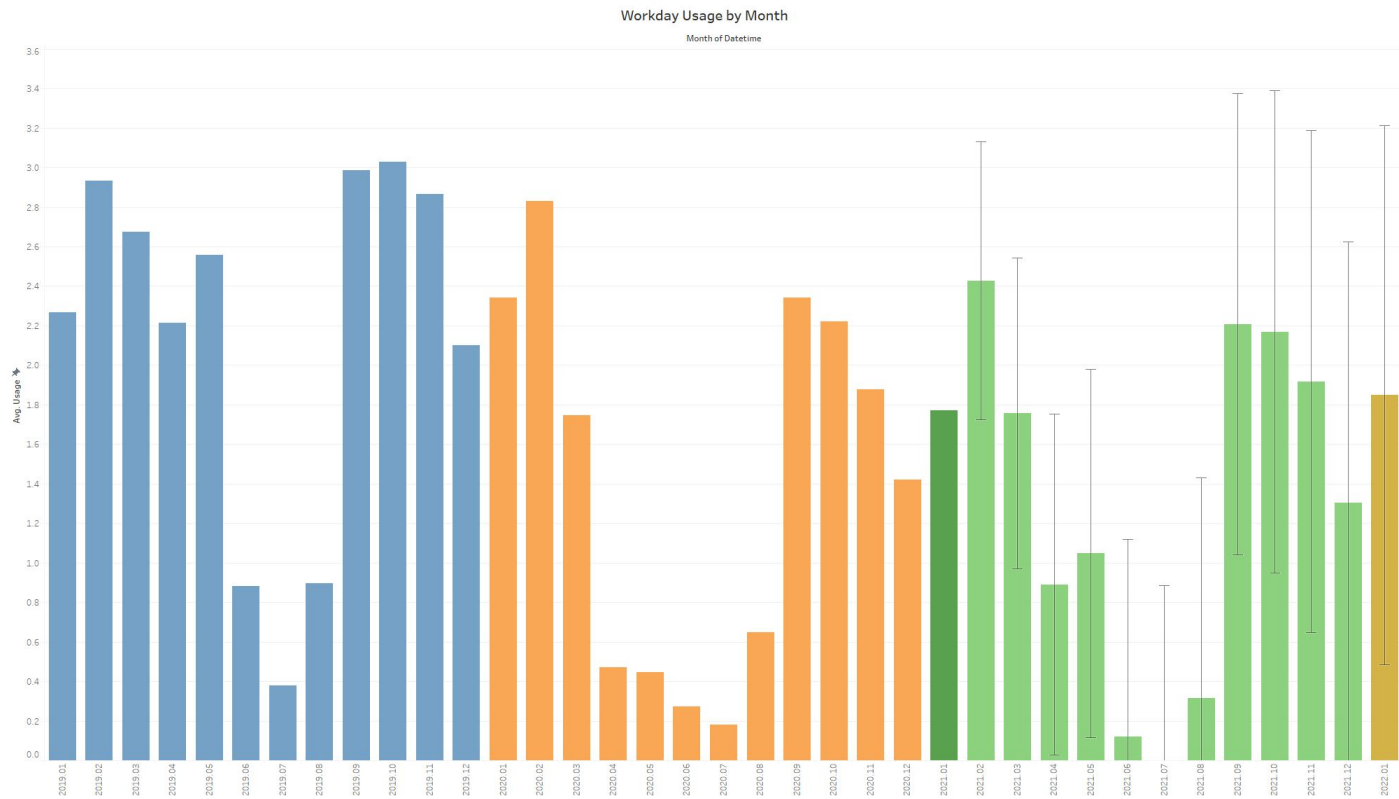
Workday Usage on Worktime



Workday Usage on Evening

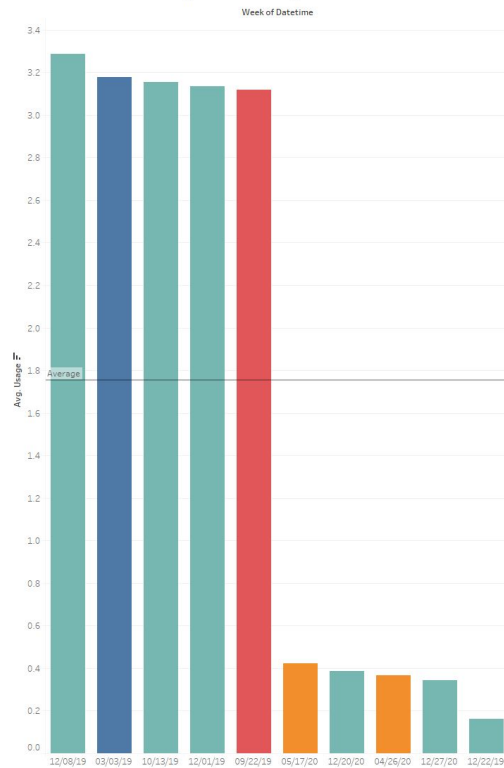


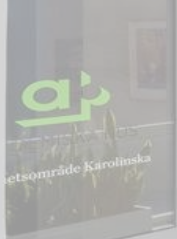
Weekday Usage by Month





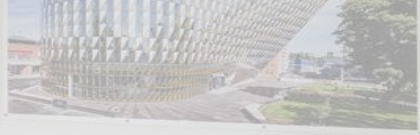
Top/Bottom 5 Usage Week



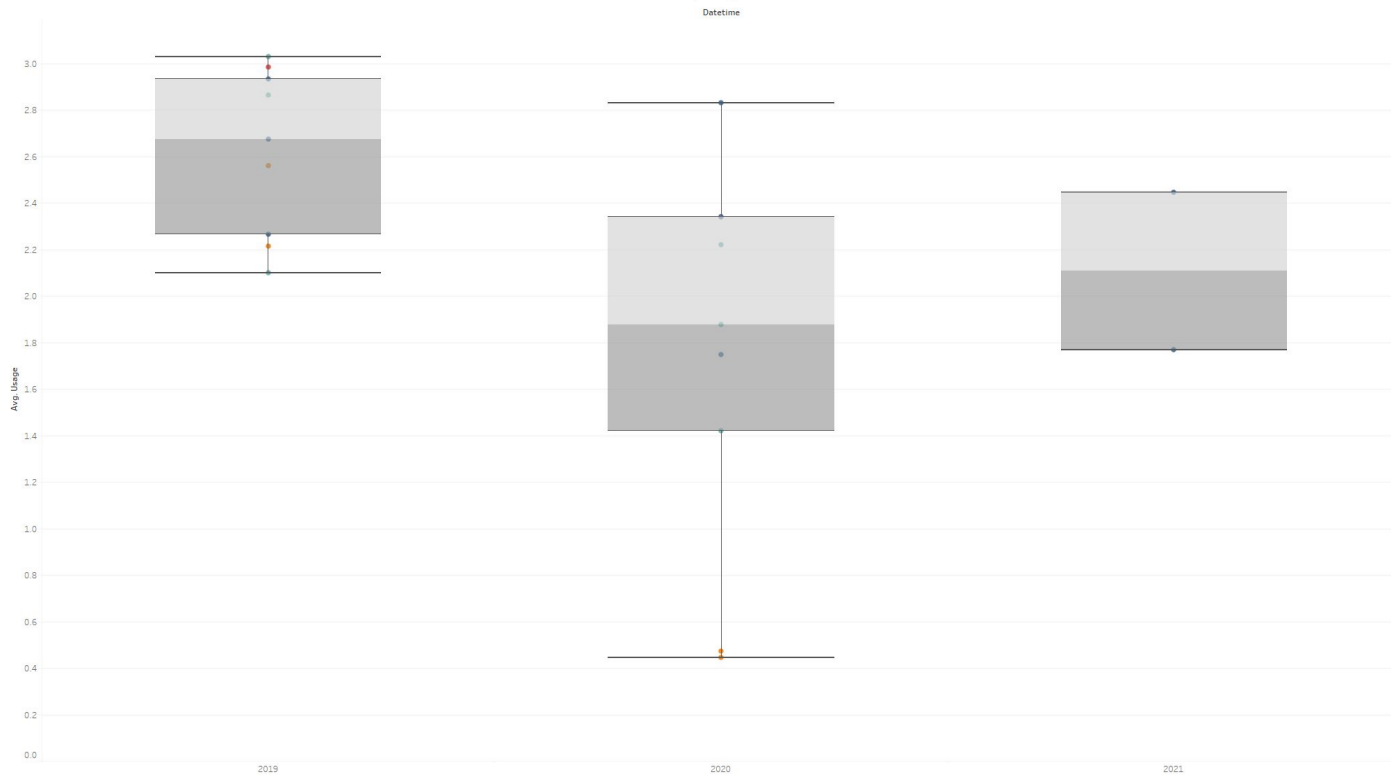


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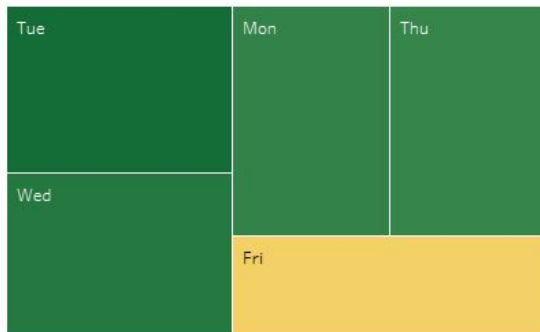
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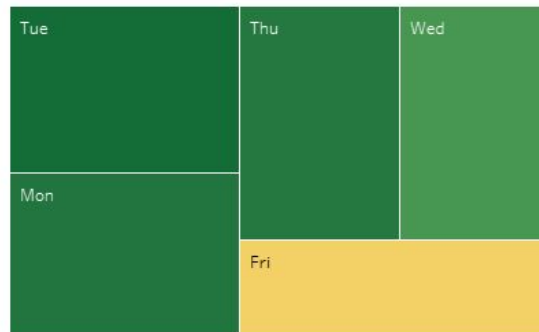
Yearly Usage



Workday Usage on Worktime



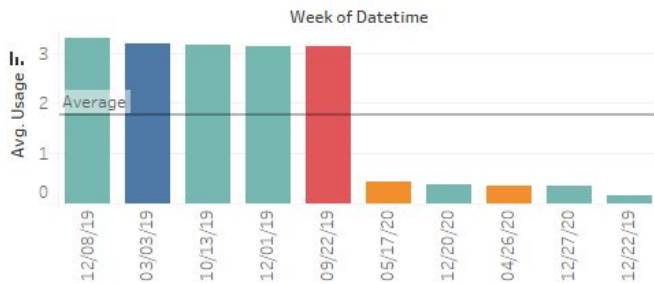
Workday Usage on Evening



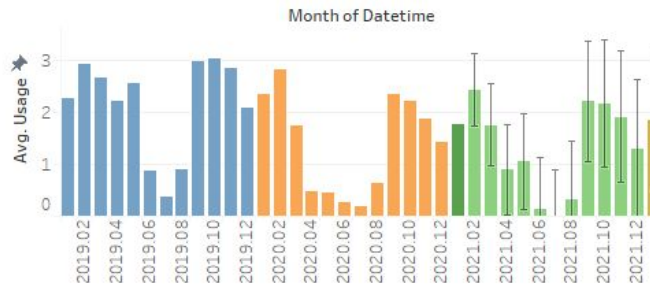
Yearly Usage



Top/Bottom 5 Usage Week



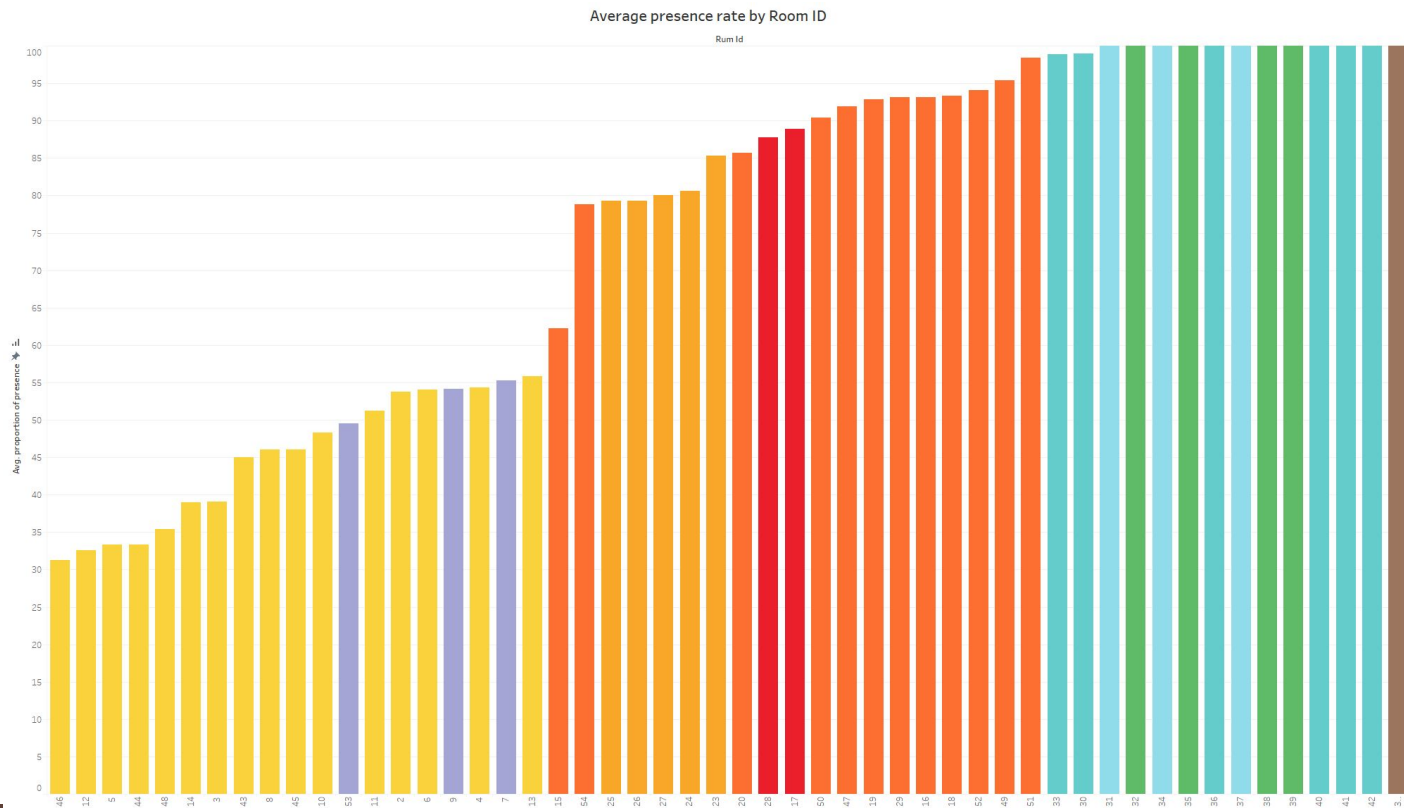
Workday Usage by Month





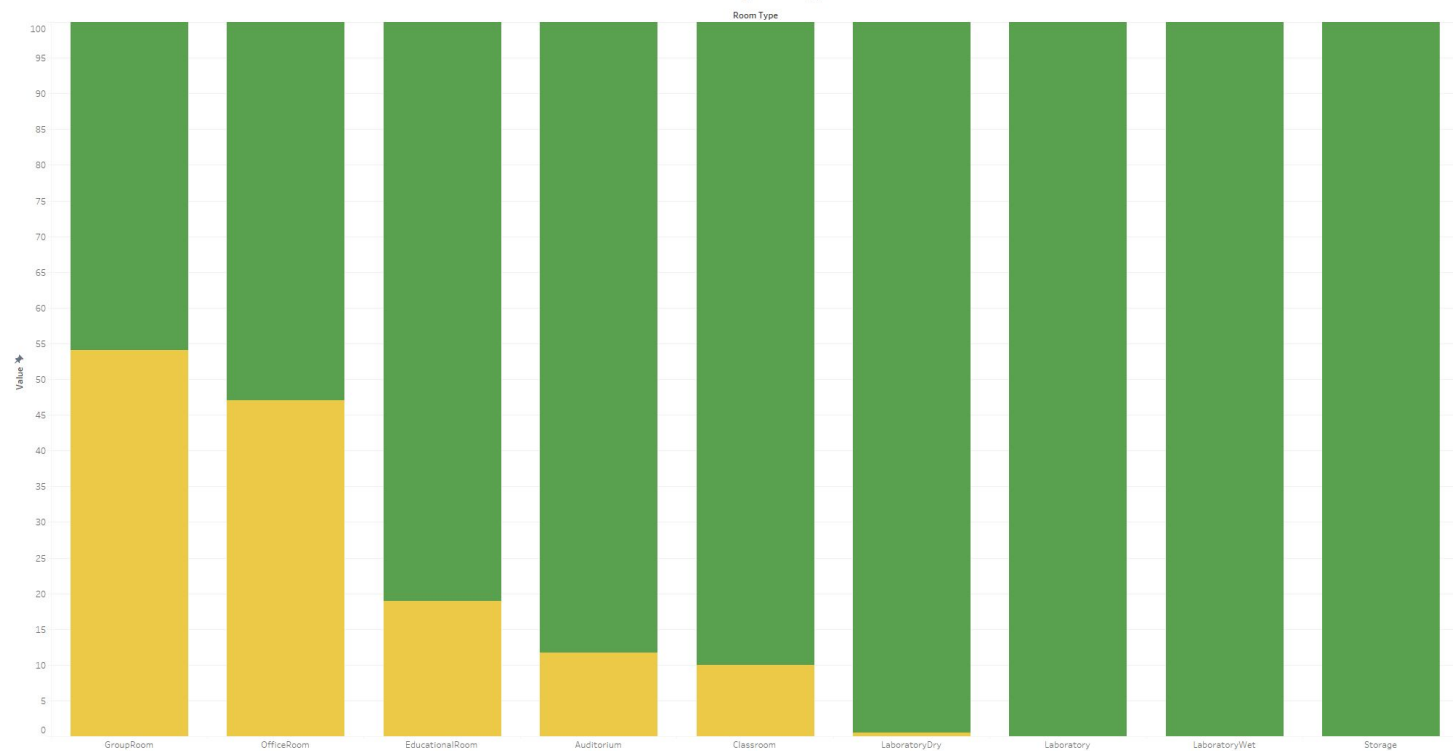
Total Booking Time by Room type







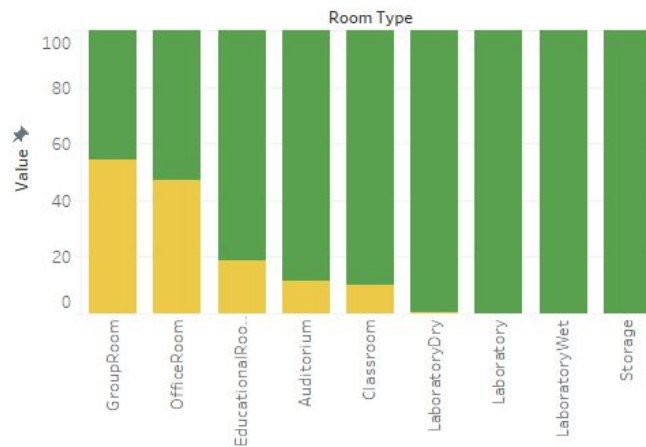
Presence rate by Room Type



Total Booking Time by Room time




Presence rate by Room Type



Average Unpresence Rate by Room Type





Suggestion & Limitation

Limitation

- Limitation of data (2019-early 2021)
- Different time setting for booking and usage data

Suggestion

- Further analysis comparing before and after COVID
- Combine the time setting for booking and usage timeline
- Reorganize usage data to distinguish between employee use and customer use

Thank you
for listening :)

