This is Watermelon Intelligence.

Nelson, BC, Canada

28 years old

Geomatics specialist

Tim has a bad night sleep on a regular basis.

He wonders which external factors might play a role for his individual situation.

watermelon intelligence
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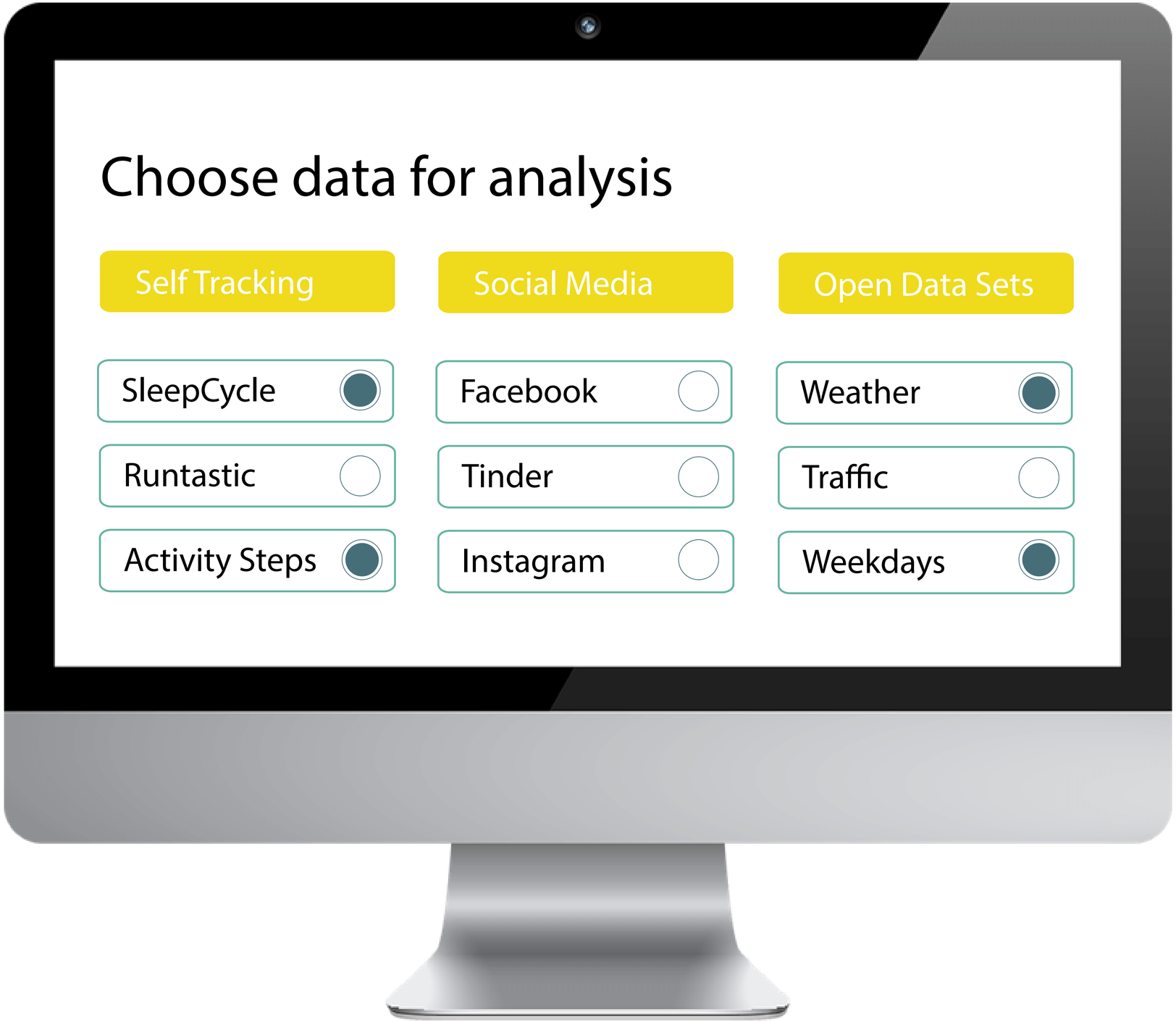

Choose data for analysis
Self Tracking
Social Media
Open Data Sets
SleepCycle
Runtastic
Activity Steps
Facebook
Tinder
Instagram
Weather
Traffic
Weekdays

avg. sleep duration in min
amount of measures
mondays
tuesdays
wednesdays
thursdays
fridays
saturdays
sundays
weekdays
weekend
avg. sleep duration in min
starttime of sleep
20:00-20:59
21:00-21:59
22:00-22:59
23:00-23:59
00:00-00:59
01:00-01:59
02:00-02:59
03:00-19:59
Number of steps pro day in relation to the sleepingquality
Steps of day
Quality of sleep
weekdays
weekend
starttime of sleep

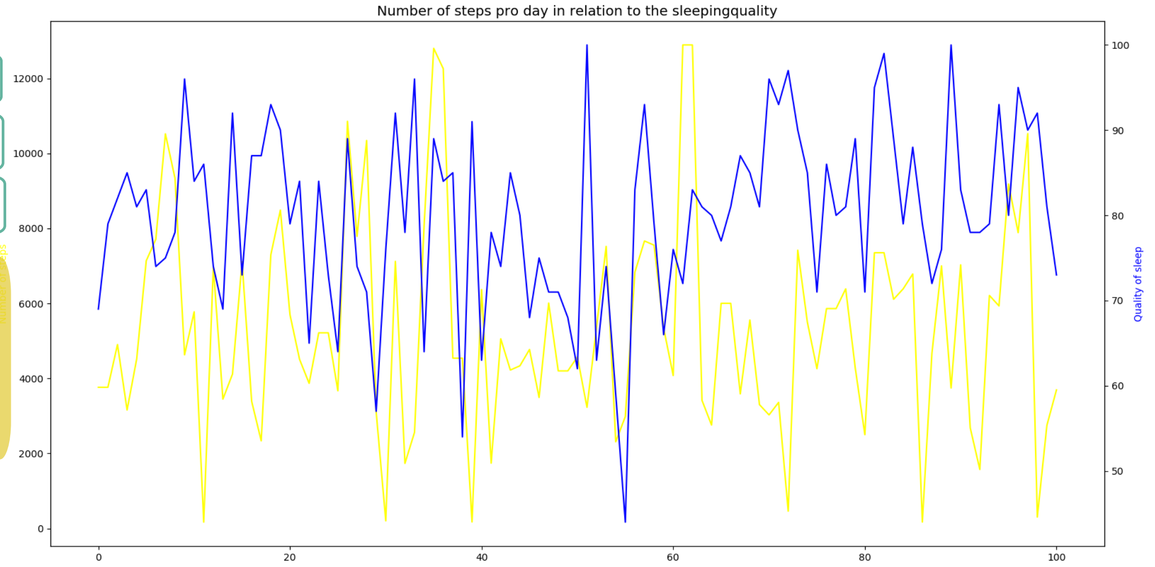
SleepCycle entries

Activity Steps

Weekdays

Notes

No correlation.



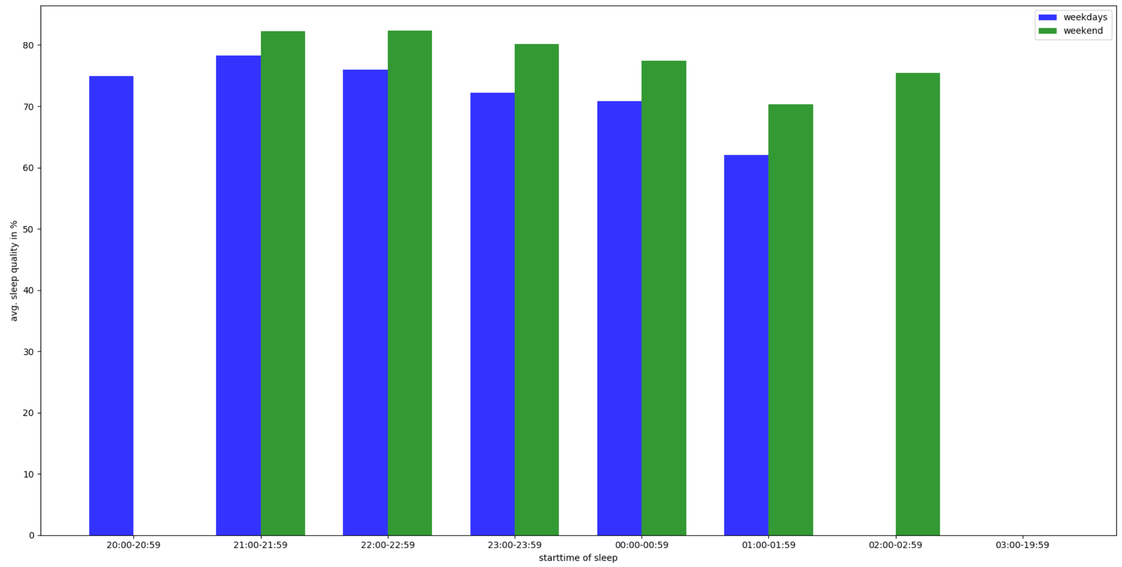
SleepCycle entries

Sleep quality

Start time of sleep

Notes

Sleep quality higher on week-ends.



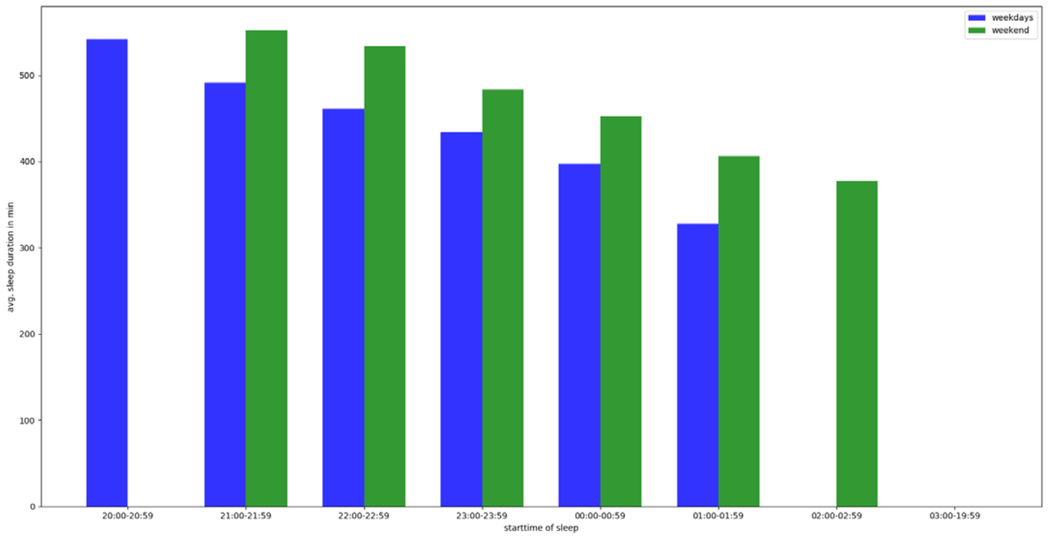
Weekdays

Sleep duration

Start time of sleep

Notes

Longer sleep duration when going to bed early.



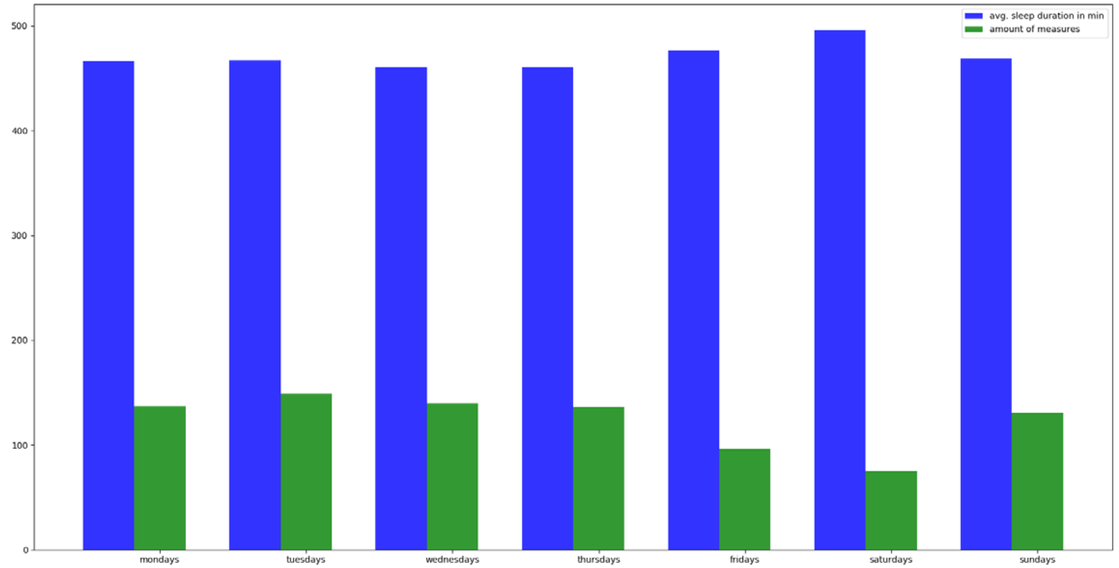
Avg. sleep duration

Nr. of entries

Weekday

Notes

Less entries on saturdays.



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This is...
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MVP
Mockups of Frontend
Exemplary Analysis in Python
Impact
Providing a data driven dimension aka objective data base to answer daily life questions. Making use of data for everybody – not only companies.
Technology
Python (matplotlib, numpy)
Adobe Illustrator
Excel & Power Point
Problem
Not having all the data in one place for a holistic analysis.