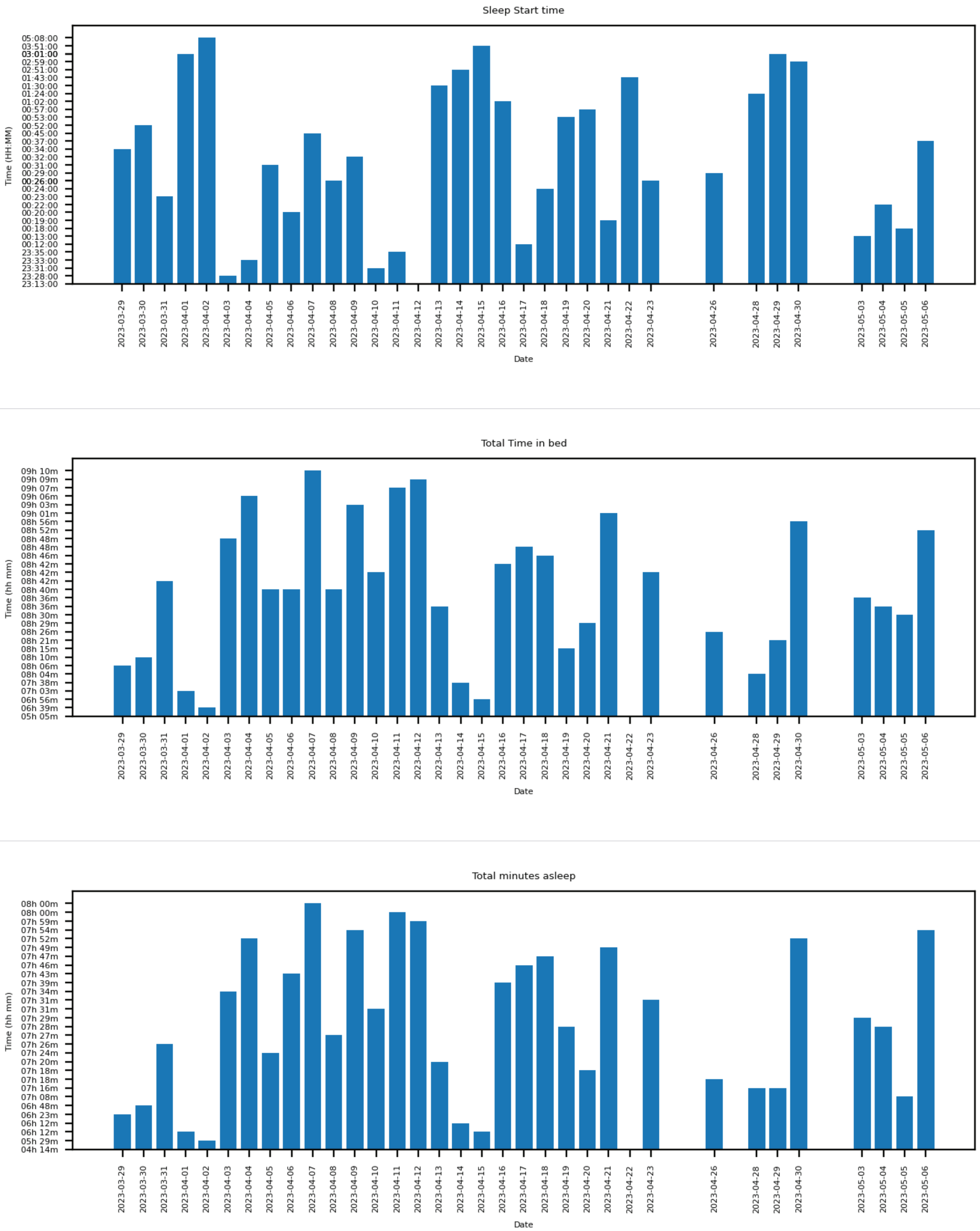
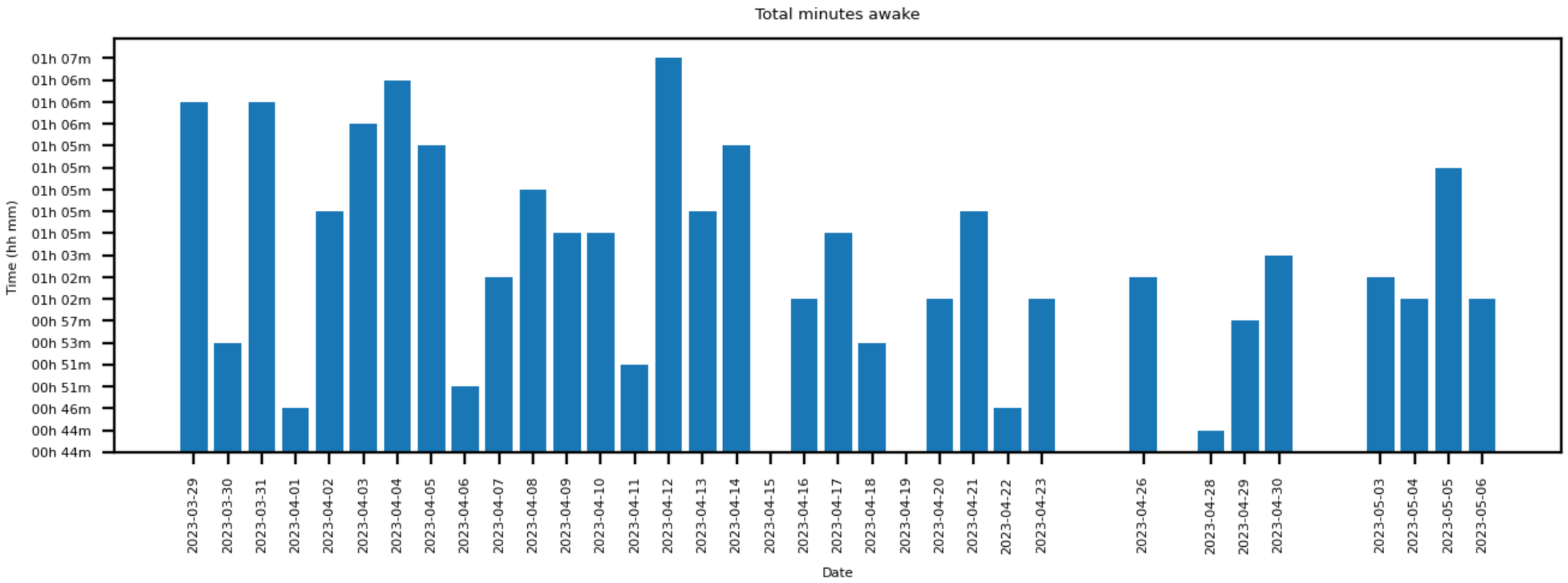
Select a chart

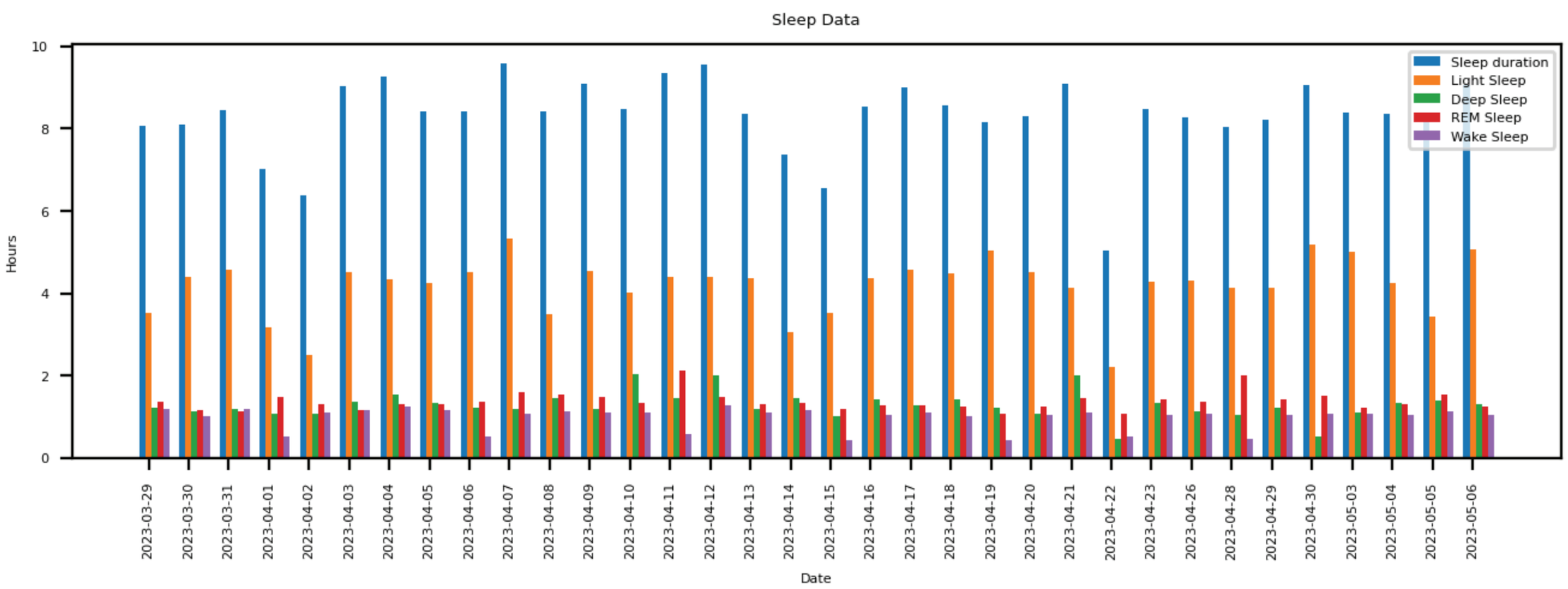
Sleep

Fitbit Data Visualization

This is a Streamlit application that shows useful charts from Fitbit data stored in a MongoDB database





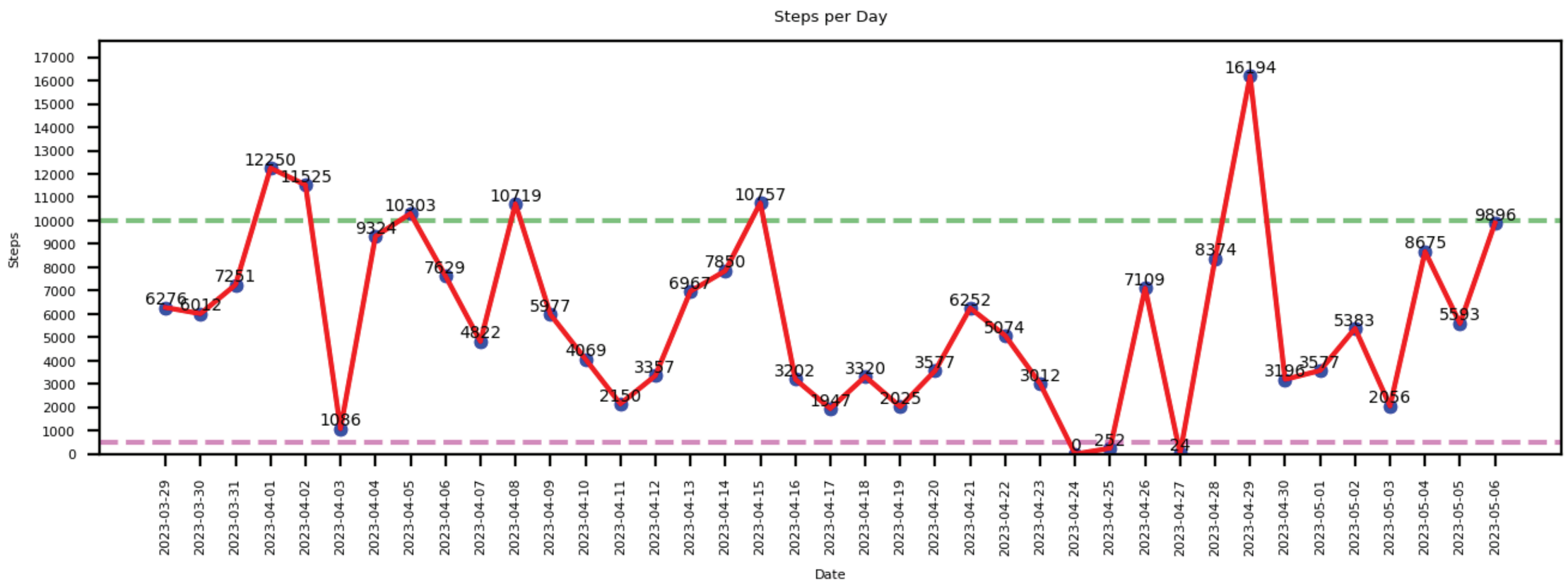


Select a chart

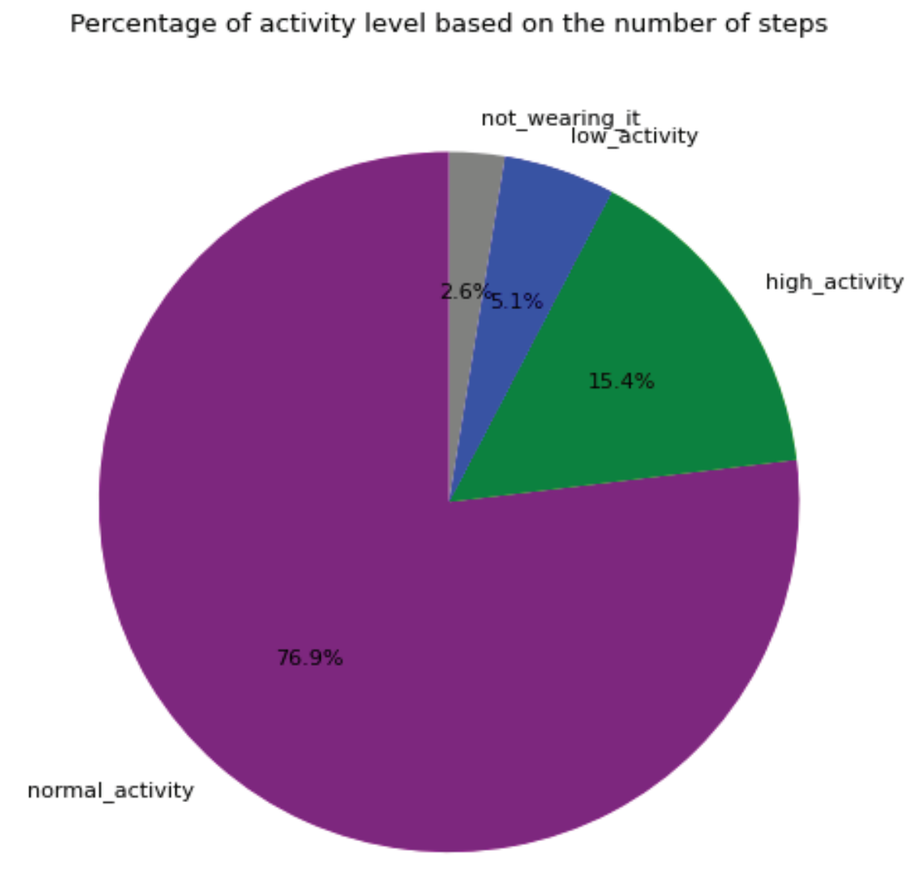
User Engagement

Fitbit Data Visualization

This is a Streamlit application that shows useful charts from Fitbit data stored in a MongoDB database



A line chart showing how many steps the user did per day. There are 2 baselines, the green one in 10000 steps (high_activity) and the pink one in 500 steps (low_activity)



A pie chart which indicates the percentage of the days that the used had a specific activity level.

low_activity: less than 500 steps

normal_activity: more than 500 steps but also less than 10000

high_activity: more than 10000 steps

not_wearing_it: 0 steps, which means user wasn't wearing the smartwatch

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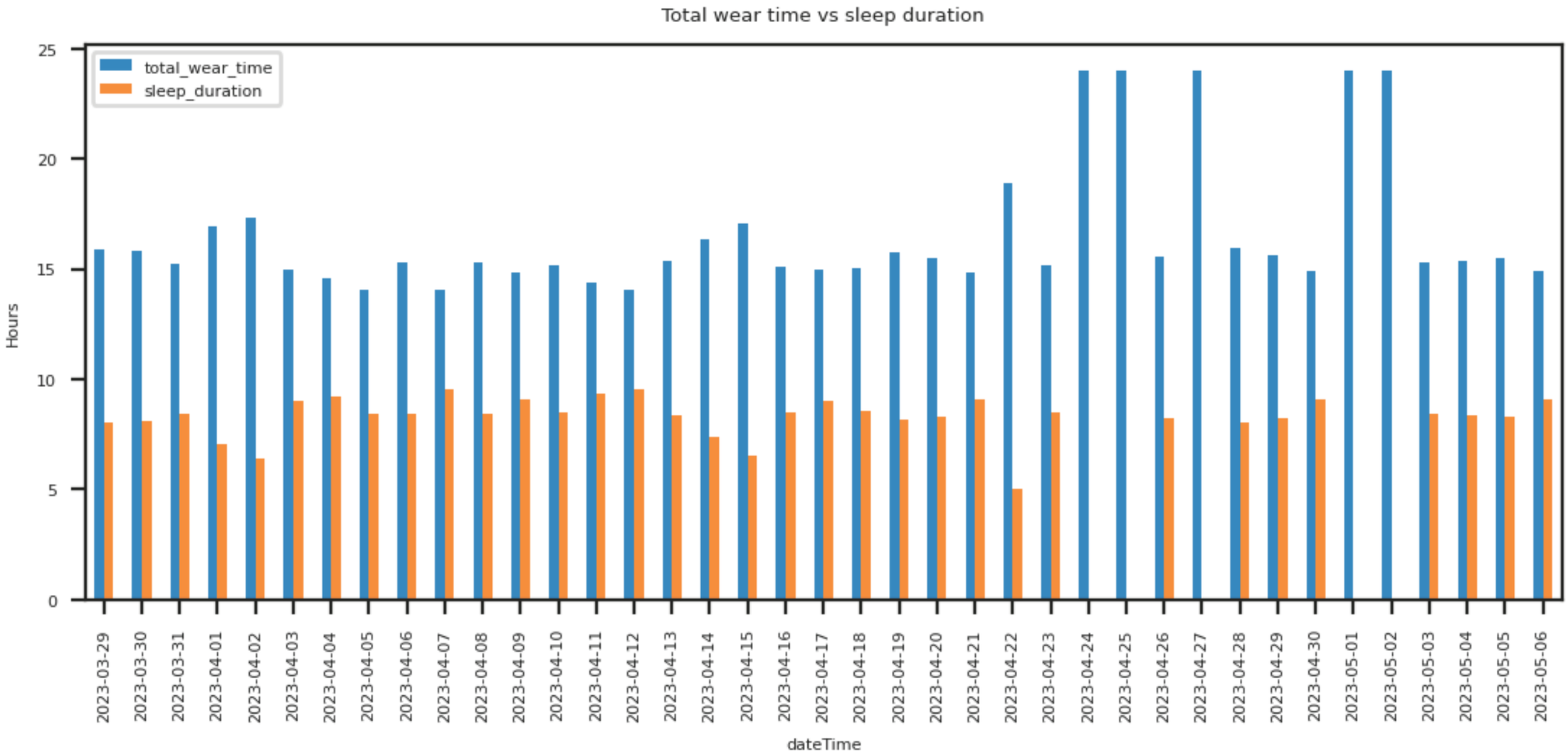
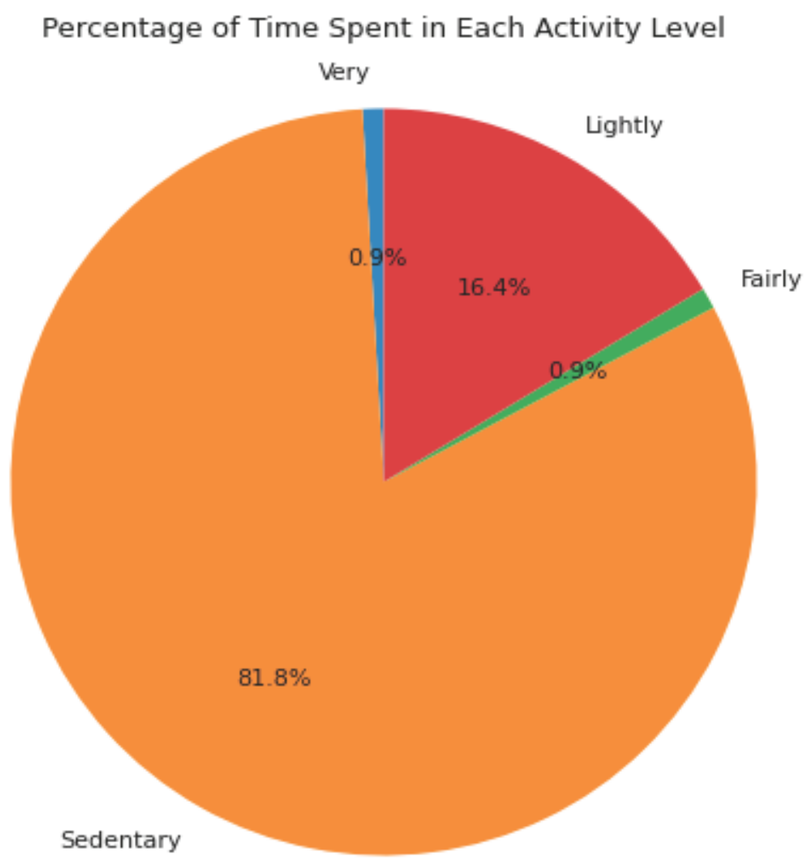
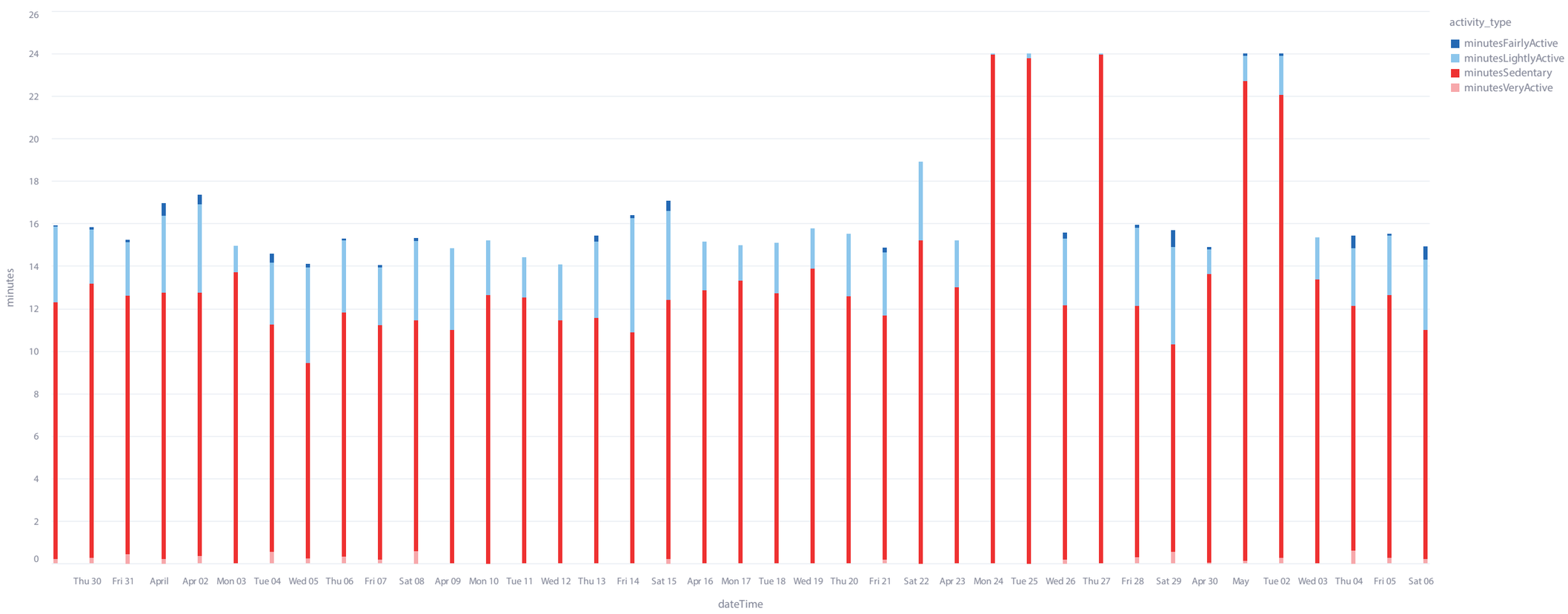


A bar chart showing the total wear time and sleep duration per day provides a quick glance at how much time the user spends wearing their activity tracker and how much time they spend sleeping. By comparing the two bars for each day, the user can quickly see if they are getting enough sleep and if they are consistently wearing their tracker throughout the day. This information can be useful in identifying patterns and making changes to improve overall health and wellness.



This pie chart shows the percentage of time spent in each activity level, including minutes spent sedentary, lightly active, fairly active, and very active. The chart provides an easy-to-understand visualization of how time is allocated across different activity levels, and can help users identify areas where they may want to increase their activity levels.

Breakdown of Activity Types by Day



This stacked bar chart shows the breakdown of each activity type (minutesSedentary, minutesLightlyActive, minutesFairlyActive, minutesVeryActive) by day. The chart provides insight into the user's daily activity levels and can help identify trends over time

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