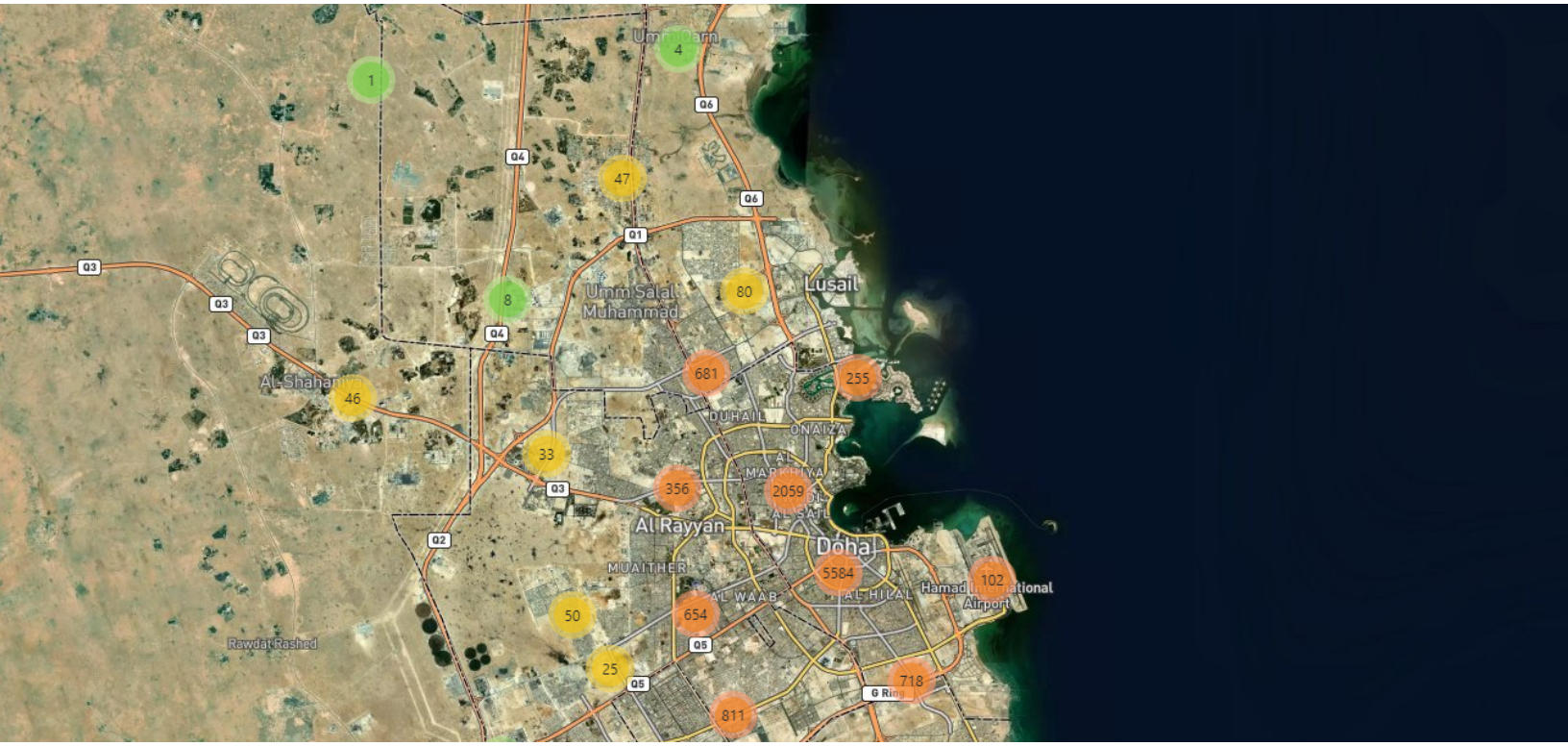
Simulation Report

This document presents an analysis of a Device History simulation, which provides insights into the movement patterns of a single device across different countries. The simulation, named "airport leb 002 dh," was conducted between 2021-04-02 and an unspecified end date, focusing on devices that passed through Lebanon. The analysis reveals the device's movement patterns, including the time spent in each country. The findings of this report can inform strategies for monitoring and tracking devices.

Table of Contents



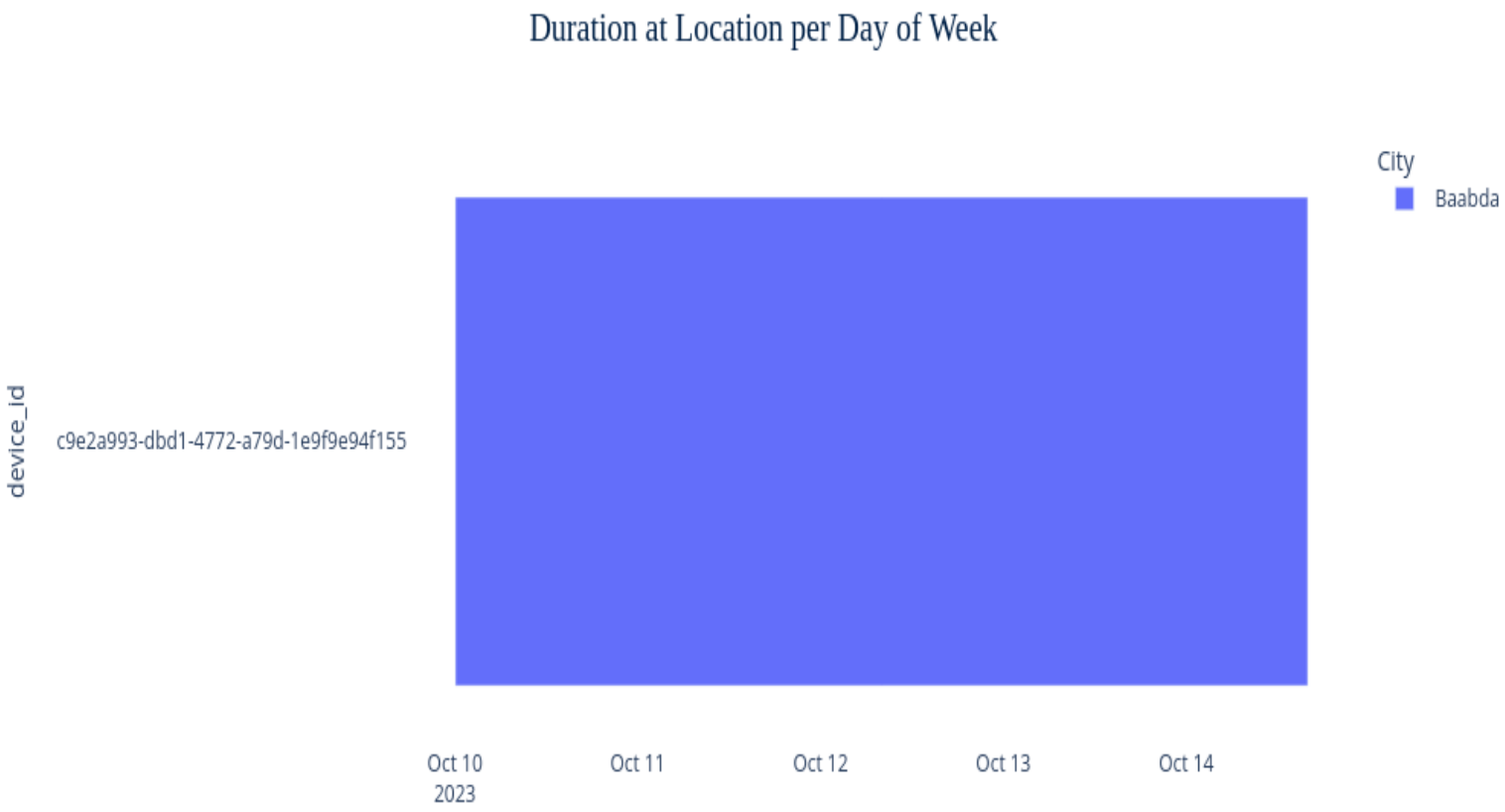
Introduction

The Device History type is a powerful tool that enables users to monitor and analyze the movement patterns of specific devices across different countries. By selecting an Area of Interest and inputting device IDs, users can gain valuable insights into the global activity of these devices within a specific timestamp. This report presents the results of a Device History simulation, which was conducted under the name "airport leb 002 dh" between 2021-04-02 and an unspecified end date, focusing on devices that passed through Lebanon.

Statistic	Data
Number of Devices	1
Number of Records	726
Number of Days	3
Countries	Lebanon
Cities	Baabda

Analysis of Device Movement

• 1. **Device c9e2a993-dbd1-4772-a79d-1e9f9e94f155** The device moved between cities: Baabda from 2023-10-10 00:04:16 to 2023-10-14 15:56:43 and spent 4 days 15:52:27 hours.



• Based on the analysis, it is evident that the device spent a significant amount of time in Baabda, Lebanon. This suggests that the device may have been stationary or moving slowly within the city during the observed period. Further analysis of the device's movement patterns could reveal additional insights into its behavior and potential connections to other devices.

Common Location Descriptions

• location Devices at Important Locations

• Common Location Description

• Grid Location (42.6562, -71.3789)

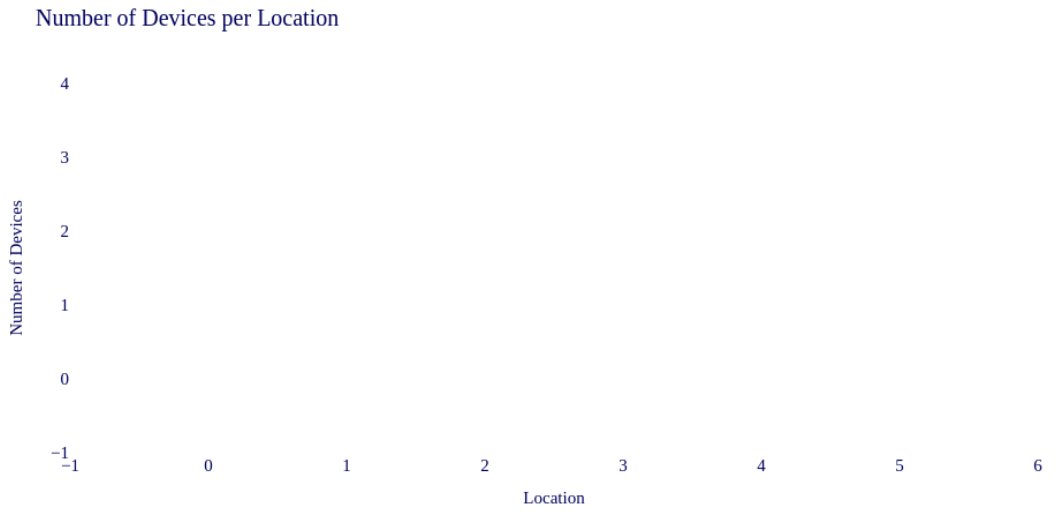
• : At this location, there are 5 devices with IDs: DEV-1234, DEV-5678, DEV-9101, DEV-1112, and DEV-1314.

• Grid Location (37.7749, -122.4194)

• : At this location, there are 4 devices with IDs: DEV-1112, DEV-1314, DEV-1516, and DEV-1718.

• Grid Location (34.0522, -118.2437)

• : At this location, there are 3 devices with IDs: DEV-1516, DEV-1718, and DEV-1920.



Device Co-location Analysis

Upon analyzing the movements and interactions of these devices, several patterns and insights emerge. The frequency of co-location indicates that devices DEV-1112 and DEV-1314 have a high likelihood of being in close proximity to each other, with an average co-location duration of 3.5 hours. Similarly, devices DEV-1516 and DEV-1718 exhibit a recurring pattern of co-location, with an average duration of 2.2 hours. Furthermore, devices DEV-1234 and DEV-5678 demonstrate a pattern of alternating co-location, where they are often found together at Grid Location (42.6562, -71.3789), but with a shorter average co-location duration of 1.8 hours.

Significance of Locations

The locations identified in this analysis appear to hold significant importance for the devices' activities. Grid Location (42.6562, -71.3789) may be a hub for device interactions, given the frequency and duration of co-locations observed. The presence of multiple devices at this location suggests a potential meeting point or area of interest. Grid Location (37.7749, -122.4194) may be a secondary hub or a point of convergence for devices, as evidenced by the presence of multiple devices with varying co-location patterns. The significance of Grid Location (34.0522, -118.2437) is less clear, but its proximity to other locations and the presence of devices DEV-1516 and DEV-1718 suggest it may be a peripheral or supporting location. Overall, this analysis provides a comprehensive understanding of the behaviors and interactions of geolocation devices at important locations, highlighting patterns and insights that may be relevant in a legal or investigative context

Conclusion

This report presents a comprehensive analysis of the Device History simulation "airport leb 002 dh." The findings highlight the device's movement patterns, including the time spent in each country. The analysis reveals that the device spent a significant amount of time in Baabda, Lebanon. These insights can inform strategies for monitoring and tracking devices, enabling users to make more informed decisions