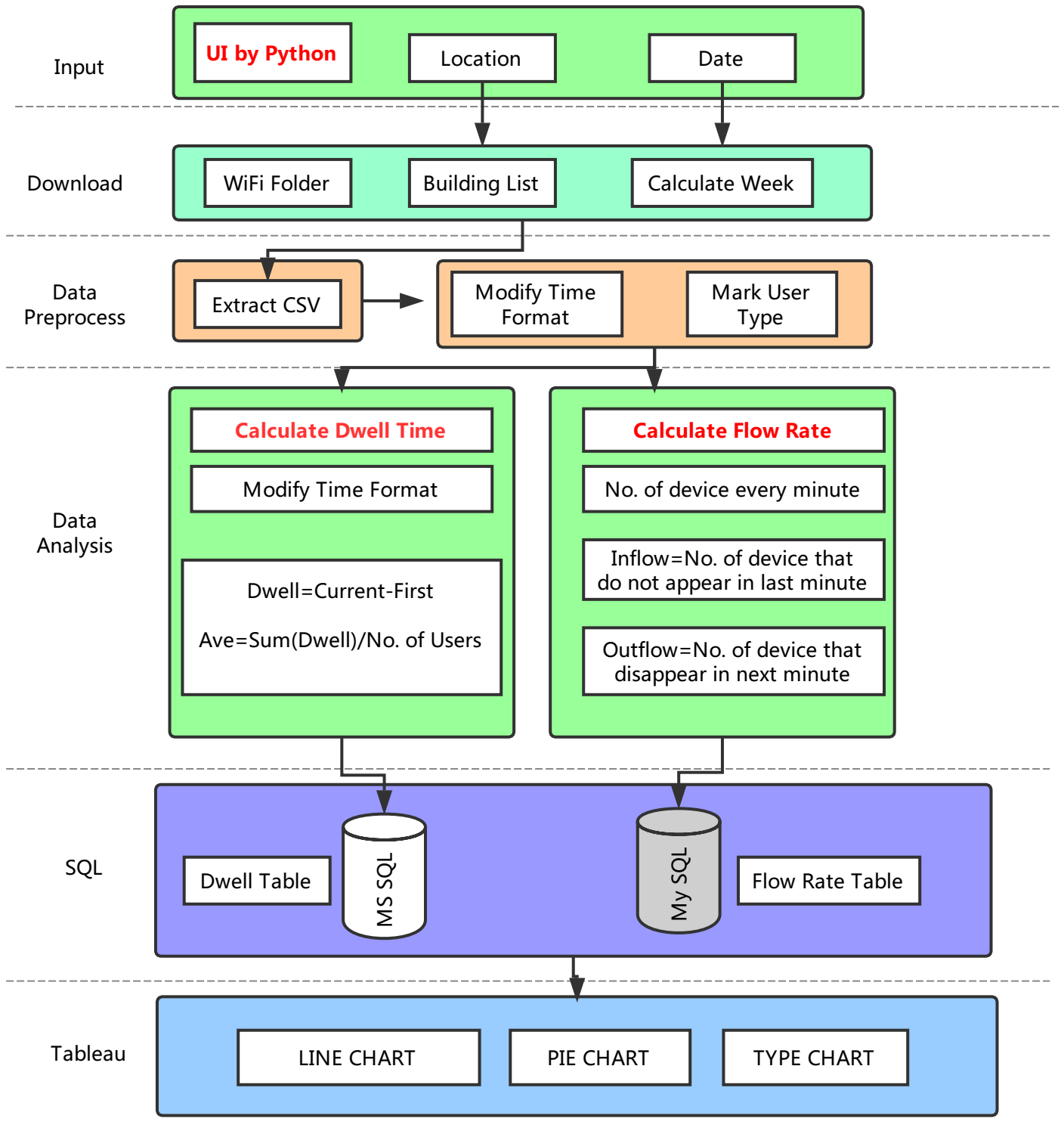


History Crowd Analysis in WiFi-based Environments



For Example

Location: E1-06

Date: 2018-02-19

LINE CHART



Type

- ☐ (All)
- ☐ Other
- ☐ Staff
- ☒ Student

Time: February 19, 2018 9:27 PM
Avg. Dwell(minute): 52.8
Avg. Inflow: 4.00
Avg. Outflow: 2.00
No. of User: 13

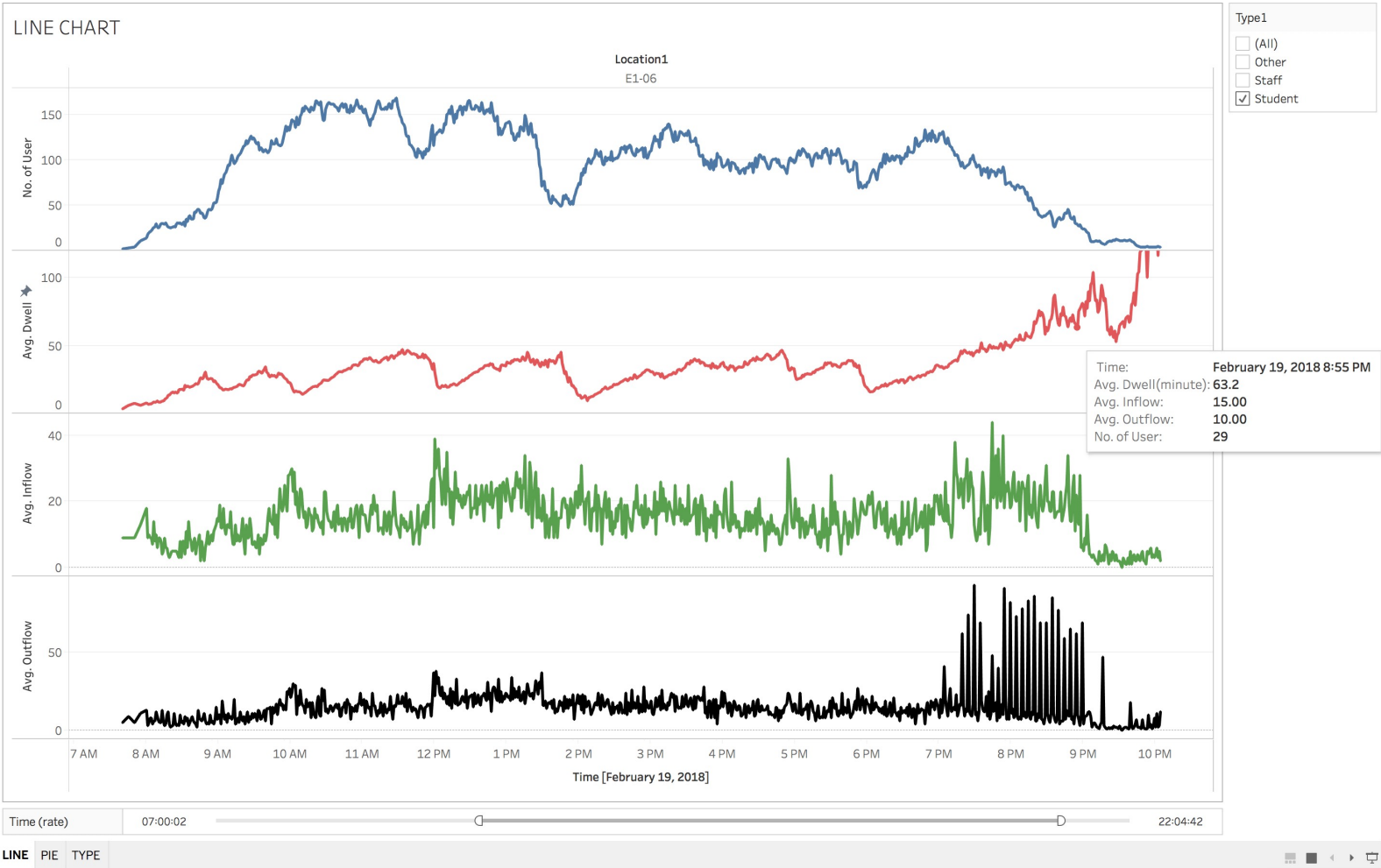
Time 07:09:59 22:02:12

LINE PIE TYPE



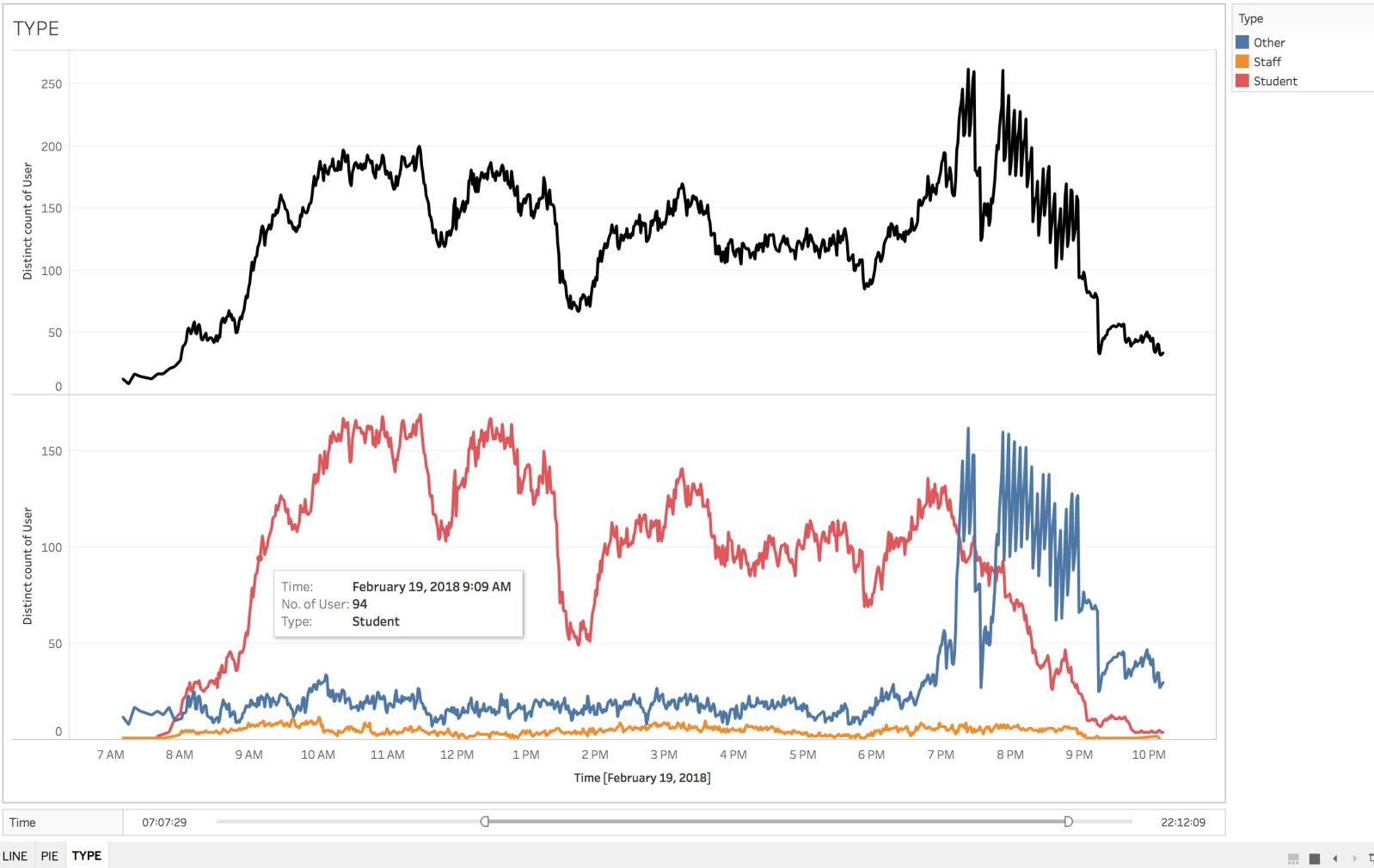
After filtering the fixed devices, the **dwelt line** is smoother

Fixed devices: dwell time more than 15 hours.



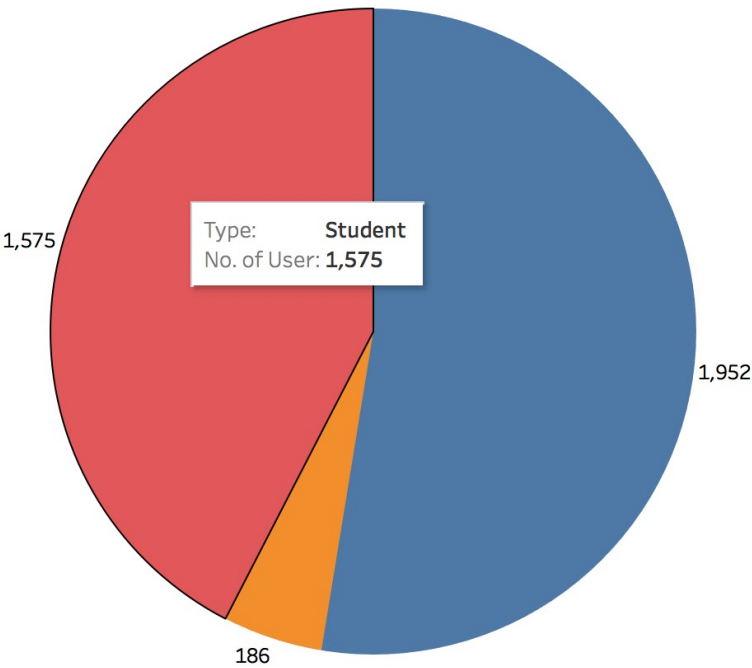
Combine the **No. of users** and **dwelt time**, we can estimate the class time and flow density in E1-06 on February 19, 2018.

Total No. of Users



Other type is probing device, we cannot get their SSID

PIE CHART



Type

- Other
- Staff
- Student