### Contact Tracing and Privacy Module 1: Contact Tracing Activity

You have learned how a graph can be used to capture individuals’ connections, and identify the close contacts, which is an important purpose of contact tracing.

Review the following data table again. Given the data at hand, what might someone guess regarding the answer to the following questions?

| **Name** | **Location** | **Start Time** | **End Time** |
| --- | --- | --- | --- |
| Mike | A | Feb 14th, 9:12 PM | Feb 15th, 1:35 AM |
| Parsa | A | Feb 14th, 9:37 PM | Feb 15th, 1:15 AM |
| Tiana | A | Feb 14th, 10:06 PM | Feb 15th, 1:35 AM |
| Mike  | B | Feb 14th, 1:57 AM | Feb 15th, 7:30 AM |
| Tiana | B | Feb 14th, 1:57 AM | Feb 15th, 9:30 AM |
| Ahmed | A | Feb 14th, 6:08 PM | Feb 15th, 8:30 AM |
| Mike | C | Feb 15th, 8:00 AM | Feb 15th, 4:00 PM |
| Yien | C | Feb 15th, 8:30 AM | Feb 15th, 4:30 PM |

1. Where is Mike’s home?
2. Where is Mike’s workplace location?
3. Did Mike attend a gathering?
4. How many people were at the gathering?
5. How long was the gathering?
6. What kind of gathering do you think Mike attended?
7. What else might one guess about Mike?