Logging and Telemetry Survey

Welcome

1. What group do you primarily work in?

- ASG - Applications and Services Engineering Group (Qi Lu)
- Business Development Group (Peggy Johnson)
- C&E - Cloud and Enterprise Engineering Group (Scott Guthrie)
- Corporate Strategy & Planning (Kurt DelBene)
- Finance Group (Amy Hood)
- HR Group (Kathleen Hogan)
- LCA - Legal and Corporate Affairs Group (Brad Smith)
- Marketing Group (Chris Capossela)
- Operations (Kevin Turner)
- TnR - Technology and Research (Harry Shum)
- Windows and Devices Group (Terry Myerson)
- Other - Write In

2. What is your role?

3. In what location do you work?

- North America: USA - WA (Puget Sound regions: Redmond, Bellevue, Seattle, Sammamish, etc.)
- North America: USA - Silicon Valley, CA
- North America: USA - Other
- North America: Canada, Mexico
- Central America and South America
- Europe
- Asia: China
- Asia: India
- Asia: Middle East
- Australia, New Zealand, Oceania
- Africa
- Other - Write In

4. How many years have you worked at Microsoft (decimals okay)?

Activities

5. **Troubleshooting Problems**
For example: debugging; diagnosing the root-cause of an issue; reproducing a bug, looking for patterns in log files to explain execution behavior.

How often do you **use event data** to troubleshoot problems?

- More than 5 times a week
- 4-5 times a week
- 2-3 times a week
- Once a week
- 1-3 times a month
- Less than once a month
- Never
- I do this activity, but I don't use event data.

6. **Monitoring System Health**
For example: alarming, notifications, or thresholding for systems or services, like high CPU usage; ensuring availability of systems or services for day-to-day operations.

How often do you **use event data** to monitor system health?

- More than 5 times a week
- 4-5 times a week
- 2-3 times a week
- Once a week
- 1-3 times a month
- Less than once a month
- Never
- I do this activity, but I don't use event data.

7. **Doing Data Science**
For example: flights and A/B testing; using statistical or machine learning techniques; building models; conducting analysis on behalf of other customers or teams.

How often do you **use event data** to do data science?

- More than 5 times a week
- 4-5 times a week
- 2-3 times a week
- Once a week
- 1-3 times a month
- Less than once a month
- Never
- I do this activity, but I don't use event data.

8. **Making Business Decisions**
For example: product planning, marketing strategies, allocating resources, investments, customer retention, and product release planning.

How often do you **use event data** to make business decisions?

- More than 5 times a week
- 4-5 times a week
- 2-3 times a week
- Once a week
- 1-3 times a month
- Less than once a month
- Never
- I do this activity, but I don't use event data.

9. **Improving the User Experience**
For example: understanding how customers adopt and use features, user engagement and task experience.

How often do you **use event data** to improve the user experience?

- More than 5 times a week
- 4-5 times a week
- 2-3 times a week
- Once a week
- 1-3 times a month
- Less than once a month
- Never
- I do this activity, but I don't use event data.

10. **Engineering the Data Pipeline**
For example: working on infrastructure to collect data, store data, query data; cleaning, filtering, and aggregating data sources for others to use; providing APIs, tools, and interfaces to make data accessible.

How often do you **use event data** to engineer the data pipeline?

- More than 5 times a week
- 4-5 times a week
- 2-3 times a week
- Once a week
- 1-3 times a month
- Less than once a month
- Never
- I do this activity, but I don't use event data.

11. **Instrumenting for Logs or Telemetry**
For example: adding or removing logging events; using APIs to record; writing rules to adjust logging parameters in systems, for example, by enabling or disabling logging or telemetry events.

How often do you **use event data** to instrument for logs or telemetry?

- More than 5 times a week
- 4-5 times a week
- 2-3 times a week
- Once a week
- 1-3 times a month
- Less than once a month
- Never

12. **Triaging Work Items**
For example: prioritizing bugs or features within products or services; assigning and routing activities to appropriate roles.

How often do you **use event data** to triage work items?

- More than 5 times a week
- 4-5 times a week
- 2-3 times a week
- Once a week
- 1-3 times a month
- Less than once a month
- Never
- I do this activity, but I don't use event data.

13. **Other Activity**

Is there another work activity for which you use event data? If so, please tell us about it.

What would you call this activity?

How often do you **use event data** for this other activity?

- More than 5 times a week
- 4-5 times a week
- 2-3 times a week
- Once a week
- 1-3 times a month
- Less than once a month
- Never
- I do this activity, but I don't use event data.

Activity: Troubleshooting Problems

14. For each of the following statements, please indicate your level of agreement:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Not Applicable
The tools for this activity aren't easy to use.						
The tools for this activity are flaky or unreliable.						
The tools for this activity are too slow.						

The tools make it difficult for me to get the insights I want.						
The activity involves too much clerical effort.						
The activity involves too much mental effort.						
The activity requires more effort than I have time for.						
There's too much data.						
The data doesn't contain the information I want.						
The data is in a form that is difficult to use.						
The data is in a form that is difficult to understand.						
Combining multiple sources of data is difficult.						
I don't know where to find the data I want.						
I don't have access to the data I want.						
I don't have confidence in the data.						
The data is hard to work with because it's been scrubbed for privacy.						
The data I want is no longer around.						
I lack relevant training or knowledge.						

I have to wait on other people.						
I have to do a lot of coordination with other people.						

15. We're interested in how people collaborate with event data. Did a teammate's activity with the log or telemetry data prompt you to do **Troubleshooting Problems**?

- My teammate was also **Troubleshooting Problems**, which then prompted me to do Troubleshooting Problems.
  As a reminder, Troubleshooting Problems is, for example, debugging; diagnosing the root-cause of an issue; reproducing a bug, looking for patterns in log files to explain execution behavior.
- My teammate was **Monitoring System Health**, which then prompted me to do Troubleshooting Problems.
  As a reminder, Monitoring System Health is, for example, alarming, notifications, or thresholding for systems or services, like high CPU usage; ensuring availability of systems or services for day-to-day operations.
- My teammate was **Doing Data Science**, which then prompted me to do Troubleshooting Problems.
  As a reminder, Doing Data Science is, for example, flights and A/B testing; using statistical or machine learning techniques; building models; conducting analysis on behalf of other customers or teams.
- My teammate was **Making Business Decisions**, which then prompted me to do Troubleshooting Problems.
  As a reminder, Making Business Decisions is, for example, product planning, marketing strategies, allocating resources, investments, customer retention, and product release planning.
- My teammate was **Improving the User Experience**, which then prompted me to do Troubleshooting Problems.
  As a reminder, Improving the User Experience is, for example, understanding how customers adopt and use features, user engagement and task experience.
- My teammate was **Engineering the Data Pipeline**, which then prompted me to do Troubleshooting Problems.
  As a reminder, Engineering the Data Pipeline is, for example, working on infrastructure to collect data, store data, query data; cleaning, filtering, and aggregating data sources for others to use; providing APIs, tools, and interfaces to make data accessible.
- My teammate was **Instrumenting for Logs or Telemetry**, which then prompted me to do Troubleshooting Problems.
  As a reminder, Instrumenting for Logs for Telemetry is, for example, adding or removing logging events; using APIs to record; writing rules to adjust logging parameters in systems, for example, by enabling or disabling logging or telemetry events.
- My teammate was **Triaging Work Items**, which then prompted me to do Troubleshooting Problems.
  As a reminder, Triaging Work Items is, for example, prioritizing bugs or features within products or services; assigning and routing activities to appropriate roles.
- I don't know
- None of the above

Activity: Monitoring System Health

16. For each of the following statements, please indicate your level of agreement:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Not Applicable
The tools for this activity aren't easy to use.	○	○	○	○	○	○
The tools for this activity are flaky or unreliable.	○	○	○	○	○	○
The tools for this activity are too slow.	○	○	○	○	○	○
The tools make it difficult for me to get the insights I want.	○	○	○	○	○	○
The activity involves too much clerical effort.	○	○	○	○	○	○
The activity involves too much mental effort.	○	○	○	○	○	○
The activity requires more effort than I have time for.	○	○	○	○	○	○
There's too much data.	○	○	○	○	○	○
The data doesn't contain the information I want.	○	○	○	○	○	○
The data is in a form that is difficult to use.	○	○	○	○	○	○
The data is in a form that is difficult to understand.	○	○	○	○	○	○
Combining multiple sources of data is difficult.	○	○	○	○	○	○
I don't know where to find the data I want.	○	○	○	○	○	○

I don't have access to the data I want.						
I don't have confidence in the data.						
The data is hard to work with because it's been scrubbed for privacy.						
The data I want is no longer around.						
I lack relevant training or knowledge.						
I have to wait on other people.						
I have to do a lot of coordination with other people.						

17. We're interested in how people collaborate with event data. Did a teammate's activity with the log or telemetry data prompt you to do **Monitoring System Health**?

- My teammate was **Troubleshooting Problems**, which then prompted me to do Monitoring System Health.
  As a reminder, Troubleshooting Problems is, for example, debugging; diagnosing the root-cause of an issue; reproducing a bug, looking for patterns in log files to explain execution behavior.
- My teammate was also **Monitoring System Health**, which then prompted me to do Monitoring System Health.
  As a reminder, Monitoring System Health is, for example, alarming, notifications, or thresholding for systems or services, like high CPU usage; ensuring availability of systems or services for day-to-day operations.
- My teammate was **Doing Data Science**, which then prompted me to do Monitoring System Health.
  As a reminder, Doing Data Science is, for example, flights and A/B testing; using statistical or machine learning techniques; building models; conducting analysis on behalf of other customers or teams.
- My teammate was **Making Business Decisions**, which then prompted me to do Monitoring System Health.
  As a reminder, Making Business Decisions is, for example, product planning, marketing strategies, allocating resources, investments, customer retention, and product release planning.
- My teammate was **Improving the User Experience**, which then prompted me to do Monitoring System Health.
  As a reminder, Improving the User Experience is, for example, understanding how customers adopt and use features, user engagement and task experience.
- My teammate was **Engineering the Data Pipeline**, which then prompted me to do Monitoring System Health.
  As a reminder, Engineering the Data Pipeline is, for example, working on infrastructure to collect data, store data, query data; cleaning, filtering, and aggregating data sources for others to use; providing APIs, tools, and interfaces to make data accessible.
- My teammate was **Instrumenting for Logs or Telemetry**, which then prompted me to do Monitoring System Health.
  As a reminder, Instrumenting for Logs for Telemetry is, for example, adding or removing logging events; using APIs to record; writing rules to adjust logging parameters in systems, for example, by enabling or disabling logging or telemetry events.
- My teammate was **Triaging Work Items**, which then prompted me to do Monitoring System Health.
  As a reminder, Triaging Work Items is, for example, prioritizing bugs or features within products or services; assigning and routing activities to appropriate roles.
- I don't know
- None of the above

Activity: Doing Data Science

18. For each of the following statements, please indicate your level of agreement:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Not Applicable
The tools for this activity aren't easy to use.	○	○	○	○	○	○
The tools for this activity are flaky or unreliable.	○	○	○	○	○	○
The tools for this activity are too slow.	○	○	○	○	○	○
The tools make it difficult for me to get the insights I want.	○	○	○	○	○	○
The activity involves too much clerical effort.	○	○	○	○	○	○
The activity involves too much mental effort.	○	○	○	○	○	○
The activity requires more effort than I have time for.	○	○	○	○	○	○
There's too much data.	○	○	○	○	○	○
The data doesn't contain the information I want.	○	○	○	○	○	○
The data is in a form that is difficult to use.	○	○	○	○	○	○
The data is in a form that is difficult to understand.	○	○	○	○	○	○
Combining multiple sources of data is difficult.	○	○	○	○	○	○
I don't know where to find the data I want.	○	○	○	○	○	○

I don't have access to the data I want.						
I don't have confidence in the data.						
The data is hard to work with because it's been scrubbed for privacy.						
The data I want is no longer around.						
I lack relevant training or knowledge.						
I have to wait on other people.						
I have to do a lot of coordination with other people.						

19. We're interested in how people collaborate with event data. Did a teammate's activity with the log or telemetry data prompt you to do **Doing Data Science**?

- My teammate was **Troubleshooting Problems**, which then prompted me to do Doing Data Science.
  As a reminder, Troubleshooting Problems is, for example, debugging; diagnosing the root-cause of an issue; reproducing a bug, looking for patterns in log files to explain execution behavior.
- My teammate was **Monitoring System Health**, which then prompted me to do Doing Data Science.
  As a reminder, Monitoring System Health is, for example, alarming, notifications, or thresholding for systems or services, like high CPU usage; ensuring availability of systems or services for day-to-day operations.
- My teammate was also **Doing Data Science**, which then prompted me to do Doing Data Science.
  As a reminder, Doing Data Science is, for example, flights and A/B testing; using statistical or machine learning techniques; building models; conducting analysis on behalf of other customers or teams.
- My teammate was **Making Business Decisions**, which then prompted me to do Doing Data Science.
  As a reminder, Making Business Decisions is, for example, product planning, marketing strategies, allocating resources, investments, customer retention, and product release planning.
- My teammate was **Improving the User Experience**, which then prompted me to do Doing Data Science.
  As a reminder, Improving the User Experience is, for example, understanding how customers adopt and use features, user engagement and task experience.
- My teammate was **Engineering the Data Pipeline**, which then prompted me to do Doing Data Science.
  As a reminder, Engineering the Data Pipeline is, for example, working on infrastructure to collect data, store data, query data; cleaning, filtering, and aggregating data sources for others to use; providing APIs, tools, and interfaces to make data accessible.
- My teammate was **Instrumenting for Logs or Telemetry**, which then prompted me to do Doing Data Science.
  As a reminder, Instrumenting for Logs for Telemetry is, for example, adding or removing logging events; using APIs to record; writing rules to adjust logging parameters in systems, for example, by enabling or disabling logging or telemetry events.
- My teammate was **Triaging Work Items**, which then prompted me to do Doing Data Science.
  As a reminder, Triaging Work Items is, for example, prioritizing bugs or features within products or services; assigning and routing activities to appropriate roles.
- I don't know
- None of the above

Activity: Making Business Decisions

20. For each of the following statements, please indicate your level of agreement:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Not Applicable
The tools for this activity aren't easy to use.	○	○	○	○	○	○
The tools for this activity are flaky or unreliable.	○	○	○	○	○	○
The tools for this activity are too slow.	○	○	○	○	○	○
The tools make it difficult for me to get the insights I want.	○	○	○	○	○	○
The activity involves too much clerical effort.	○	○	○	○	○	○
The activity involves too much mental effort.	○	○	○	○	○	○
The activity requires more effort than I have time for.	○	○	○	○	○	○
There's too much data.	○	○	○	○	○	○
The data doesn't contain the information I want.	○	○	○	○	○	○
The data is in a form that is difficult to use.	○	○	○	○	○	○
The data is in a form that is difficult to understand.	○	○	○	○	○	○
Combining multiple sources of data is difficult.	○	○	○	○	○	○
I don't know where to find the data I want.	○	○	○	○	○	○

I don't have access to the data I want.						
I don't have confidence in the data.						
The data is hard to work with because it's been scrubbed for privacy.						
The data I want is no longer around.						
I lack relevant training or knowledge.						
I have to wait on other people.						
I have to do a lot of coordination with other people.						

21. We're interested in how people collaborate with event data. Did a teammate's activity with the log or telemetry data prompt you to do **Making Business Decisions**?

- My teammate was **Troubleshooting Problems**, which then prompted me to do Making Business Decisions.
  As a reminder, Troubleshooting Problems is, for example, debugging; diagnosing the root-cause of an issue; reproducing a bug, looking for patterns in log files to explain execution behavior.
- My teammate was **Monitoring System Health**, which then prompted me to do Making Business Decisions.
  As a reminder, Monitoring System Health is, for example, alarming, notifications, or thresholding for systems or services, like high CPU usage; ensuring availability of systems or services for day-to-day operations.
- My teammate was **Doing Data Science**, which then prompted me to do Making Business Decisions.
  As a reminder, Doing Data Science is, for example, flights and A/B testing; using statistical or machine learning techniques; building models; conducting analysis on behalf of other customers or teams.
- My teammate was also **Making Business Decisions**, which then prompted me to do Making Business Decisions.
  As a reminder, Making Business Decisions is, for example, product planning, marketing strategies, allocating resources, investments, customer retention, and product release planning.
- My teammate was **Improving the User Experience**, which then prompted me to do Making Business Decisions.
  As a reminder, Improving the User Experience is, for example, understanding how customers adopt and use features, user engagement and task experience.
- My teammate was **Engineering the Data Pipeline**, which then prompted me to do Making Business Decisions.
  As a reminder, Engineering the Data Pipeline is, for example, working on infrastructure to collect data, store data, query data; cleaning, filtering, and aggregating data sources for others to use; providing APIs, tools, and interfaces to make data accessible.
- My teammate was **Instrumenting for Logs or Telemetry**, which then prompted me to do Making Business Decisions.
  As a reminder, Instrumenting for Logs for Telemetry is, for example, adding or removing logging events; using APIs to record; writing rules to adjust logging parameters in systems, for example, by enabling or disabling logging or telemetry events.
- My teammate was **Triaging Work Items**, which then prompted me to do Making Business Decisions.
  As a reminder, Triaging Work Items is, for example, prioritizing bugs or features within products or services; assigning and routing activities to appropriate roles.
- I don't know
- None of the above

Activity: Improving the User Experience

22. For each of the following statements, please indicate your level of agreement:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Not Applicable
The tools for this activity aren't easy to use.	○	○	○	○	○	○
The tools for this activity are flaky or unreliable.	○	○	○	○	○	○
The tools for this activity are too slow.	○	○	○	○	○	○
The tools make it difficult for me to get the insights I want.	○	○	○	○	○	○
The activity involves too much clerical effort.	○	○	○	○	○	○
The activity involves too much mental effort.	○	○	○	○	○	○
The activity requires more effort than I have time for.	○	○	○	○	○	○
There's too much data.	○	○	○	○	○	○
The data doesn't contain the information I want.	○	○	○	○	○	○
The data is in a form that is difficult to use.	○	○	○	○	○	○
The data is in a form that is difficult to understand.	○	○	○	○	○	○
Combining multiple sources of data is difficult.	○	○	○	○	○	○
I don't know where to find the data I want.	○	○	○	○	○	○

I don't have access to the data I want.						
I don't have confidence in the data.						
The data is hard to work with because it's been scrubbed for privacy.						
The data I want is no longer around.						
I lack relevant training or knowledge.						
I have to wait on other people.						
I have to do a lot of coordination with other people.						

23. We're interested in how people collaborate with event data. Did a teammate's activity with the log or telemetry data prompt you to do **Improving the User Experience**?

- My teammate was **Troubleshooting Problems**, which then prompted me to do Improving the User Experience.
  As a reminder, Troubleshooting Problems is, for example, debugging; diagnosing the root-cause of an issue; reproducing a bug, looking for patterns in log files to explain execution behavior.
- My teammate was **Monitoring System Health**, which then prompted me to do Improving the User Experience.
  As a reminder, Monitoring System Health is, for example, alarming, notifications, or thresholding for systems or services, like high CPU usage; ensuring availability of systems or services for day-to-day operations.
- My teammate was **Doing Data Science**, which then prompted me to do Improving the User Experience.
  As a reminder, Doing Data Science is, for example, flights and A/B testing; using statistical or machine learning techniques; building models; conducting analysis on behalf of other customers or teams.
- My teammate was **Making Business Decisions**, which then prompted me to do Improving the User Experience.
  As a reminder, Making Business Decisions is, for example, product planning, marketing strategies, allocating resources, investments, customer retention, and product release planning.
- My teammate was also **Improving the User Experience**, which then prompted me to do Improving the User Experience.
  As a reminder, Improving the User Experience is, for example, understanding how customers adopt and use features, user engagement and task experience.
- My teammate was **Engineering the Data Pipeline**, which then prompted me to do Improving the User Experience.
  As a reminder, Engineering the Data Pipeline is, for example, working on infrastructure to collect data, store data, query data; cleaning, filtering, and aggregating data sources for others to use; providing APIs, tools, and interfaces to make data accessible.
- My teammate was **Instrumenting for Logs or Telemetry**, which then prompted me to do Improving the User Experience.
  As a reminder, Instrumenting for Logs for Telemetry is, for example, adding or removing logging events; using APIs to record; writing rules to adjust logging parameters in systems, for example, by enabling or disabling logging or telemetry events.
- My teammate was **Triaging Work Items**, which then prompted me to do Improving the User Experience.
  As a reminder, Triaging Work Items is, for example, prioritizing bugs or features within products or services; assigning and routing activities to appropriate roles.
- I don't know
- None of the above

Activity: Engineering the Data Pipeline

24. For each of the following statements, please indicate your level of agreement:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Not Applicable
The tools for this activity aren't easy to use.	○	○	○	○	○	○
The tools for this activity are flaky or unreliable.	○	○	○	○	○	○
The tools for this activity are too slow.	○	○	○	○	○	○
The tools make it difficult for me to get the insights I want.	○	○	○	○	○	○
The activity involves too much clerical effort.	○	○	○	○	○	○
The activity involves too much mental effort.	○	○	○	○	○	○
The activity requires more effort than I have time for.	○	○	○	○	○	○
There's too much data.	○	○	○	○	○	○
The data doesn't contain the information I want.	○	○	○	○	○	○
The data is in a form that is difficult to use.	○	○	○	○	○	○
The data is in a form that is difficult to understand.	○	○	○	○	○	○
Combining multiple sources of data is difficult.	○	○	○	○	○	○
I don't know where to find the data I want.	○	○	○	○	○	○

I don't have access to the data I want.						
I don't have confidence in the data.						
The data is hard to work with because it's been scrubbed for privacy.						
The data I want is no longer around.						
I lack relevant training or knowledge.						
I have to wait on other people.						
I have to do a lot of coordination with other people.						

25. We're interested in how people collaborate with event data. Did a teammate's activity with the log or telemetry data prompt you to do **Engineering the Data Pipeline**?

- My teammate was **Troubleshooting Problems**, which then prompted me to do Engineering the Data Pipeline.
  As a reminder, Troubleshooting Problems is, for example, debugging; diagnosing the root-cause of an issue; reproducing a bug, looking for patterns in log files to explain execution behavior.
- My teammate was **Monitoring System Health**, which then prompted me to do Engineering the Data Pipeline.
  As a reminder, Monitoring System Health is, for example, alarming, notifications, or thresholding for systems or services, like high CPU usage; ensuring availability of systems or services for day-to-day operations.
- My teammate was **Doing Data Science**, which then prompted me to do Engineering the Data Pipeline.
  As a reminder, Doing Data Science is, for example, flights and A/B testing; using statistical or machine learning techniques; building models; conducting analysis on behalf of other customers or teams.
- My teammate was **Making Business Decisions**, which then prompted me to do Engineering the Data Pipeline.
  As a reminder, Making Business Decisions is, for example, product planning, marketing strategies, allocating resources, investments, customer retention, and product release planning.
- My teammate was **Improving the User Experience**, which then prompted me to do Engineering the Data Pipeline.
  As a reminder, Improving the User Experience is, for example, understanding how customers adopt and use features, user engagement and task experience.
- My teammate was also **Engineering the Data Pipeline**, which then prompted me to do Engineering the Data Pipeline.
  As a reminder, Engineering the Data Pipeline is, for example, working on infrastructure to collect data, store data, query data; cleaning, filtering, and aggregating data sources for others to use; providing APIs, tools, and interfaces to make data accessible.
- My teammate was **Instrumenting for Logs or Telemetry**, which then prompted me to do Engineering the Data Pipeline.
  As a reminder, Instrumenting for Logs for Telemetry is, for example, adding or removing logging events; using APIs to record; writing rules to adjust logging parameters in systems, for example, by enabling or disabling logging or telemetry events.
- My teammate was **Triaging Work Items**, which then prompted me to do Engineering the Data Pipeline.
  As a reminder, Triaging Work Items is, for example, prioritizing bugs or features within products or services; assigning and routing activities to appropriate roles.
- I don't know
- None of the above

Instrumenting for Logs or Telemetry

26. For each of the following statements, please indicate your level of agreement:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Not Applicable
The tools for this activity aren't easy to use.	○	○	○	○	○	○
The tools for this activity are flaky or unreliable.	○	○	○	○	○	○
The tools for this activity are too slow.	○	○	○	○	○	○
The activity involves too much clerical effort.	○	○	○	○	○	○
The activity involves too much mental effort.	○	○	○	○	○	○
The activity requires more effort than I have time for.	○	○	○	○	○	○
There's too much data.	○	○	○	○	○	○
I don't know what data needs to be instrumented.	○	○	○	○	○	○
I don't know what schema or output format to use.	○	○	○	○	○	○
The data I want to instrument is in a form that is difficult to understand.	○	○	○	○	○	○
Combining multiple sources of data is difficult.	○	○	○	○	○	○
I don't know where to store the data I want.	○	○	○	○	○	○
I don't know who will						

use the data I instrument.						
I don't have confidence in the data.						
It's more work to instrument data because of privacy policies.						
Privacy policies prevent me from instrumenting all the data I would like.						
Instrumenting the data is harder because of retention policies.						
I lack relevant training or knowledge.						
I have to wait on other people.						
I have to do a lot of coordination with other people.						

27. We're interested in how people collaborate with event data. Did a teammate's activity with the log or telemetry data prompt you to do **Instrumenting for Logs for Telemetry**?

- My teammate was **Troubleshooting Problems**, which then prompted me to do Instrumenting for Logs of Telemetry.
  As a reminder, Troubleshooting Problems is, for example, debugging; diagnosing the root-cause of an issue; reproducing a bug, looking for patterns in log files to explain execution behavior.
- My teammate was **Monitoring System Health**, which then prompted me to do Instrumenting for Logs of Telemetry.
  As a reminder, Monitoring System Health is, for example, alarming, notifications, or thresholding for systems or services, like high CPU usage; ensuring availability of systems or services for day-to-day operations.
- My teammate was **Doing Data Science**, which then prompted me to do Instrumenting for Logs of Telemetry.
  As a reminder, Doing Data Science is, for example, flights and A/B testing; using statistical or machine learning techniques; building models; conducting analysis on behalf of other customers or teams.
- My teammate was **Making Business Decisions**, which then prompted me to do Instrumenting for Logs of Telemetry.
  As a reminder, Making Business Decisions is, for example, product planning, marketing strategies, allocating resources, investments, customer retention, and product release planning.
- My teammate was **Improving the User Experience**, which then prompted me to do Instrumenting for Logs of Telemetry.
  As a reminder, Improving the User Experience is, for example, understanding how customers adopt and use features, user engagement and task experience.
- My teammate was **Engineering the Data Pipeline**, which then prompted me to do Instrumenting for Logs of Telemetry.
  As a reminder, Engineering the Data Pipeline is, for example, working on infrastructure to collect data, store data, query data; cleaning, filtering, and aggregating data sources for others to use; providing APIs, tools, and interfaces to make data accessible.
- My teammate was also **Instrumenting for Logs or Telemetry**, which then prompted me to do Instrumenting for Logs of Telemetry.
  As a reminder, Instrumenting for Logs for Telemetry is, for example, adding or removing logging events; using APIs to record; writing rules to adjust logging parameters in systems, for example, by enabling or disabling logging or telemetry events.
- My teammate was **Triaging Work Items**, which then prompted me to do Instrumenting for Logs of Telemetry.
  As a reminder, Triaging Work Items is, for example, prioritizing bugs or features within products or services; assigning and routing activities to appropriate roles.
- I don't know
- None of the above

Activity: Triaging Work Items

28. For each of the following statements, please indicate your level of agreement:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Not Applicable
The tools for this activity aren't easy to use.	○	○	○	○	○	○
The tools for this activity are flaky or unreliable.	○	○	○	○	○	○
The tools for this activity are too slow.	○	○	○	○	○	○
The tools make it difficult for me to get the insights I want.	○	○	○	○	○	○
The activity involves too much clerical effort.	○	○	○	○	○	○
The activity involves too much mental effort.	○	○	○	○	○	○
The activity requires more effort than I have time for.	○	○	○	○	○	○
There's too much data.	○	○	○	○	○	○
The data doesn't contain the information I want.	○	○	○	○	○	○
The data is in a form that is difficult to use.	○	○	○	○	○	○
The data is in a form that is difficult to understand.	○	○	○	○	○	○
Combining multiple sources of data is difficult.	○	○	○	○	○	○
I don't know where to find the data I want.	○	○	○	○	○	○

I don't have access to the data I want.						
I don't have confidence in the data.						
The data is hard to work with because it's been scrubbed for privacy.						
The data I want is no longer around.						
I lack relevant training or knowledge.						
I have to wait on other people.						
I have to do a lot of coordination with other people.						

29. We're interested in how people collaborate with event data. Did a teammate's activity with the log or telemetry data prompt you to do **Triaging Work Items**?

- My teammate was **Troubleshooting Problems**, which then prompted me to do Triaging Work Items.
  As a reminder, Troubleshooting Problems is, for example, debugging; diagnosing the root-cause of an issue; reproducing a bug, looking for patterns in log files to explain execution behavior.
- My teammate was **Monitoring System Health**, which then prompted me to do Triaging Work Items.
  As a reminder, Monitoring System Health is, for example, alarming, notifications, or thresholding for systems or services, like high CPU usage; ensuring availability of systems or services for day-to-day operations.
- My teammate was **Doing Data Science**, which then prompted me to do Triaging Work Items.
  As a reminder, Doing Data Science is, for example, flights and A/B testing; using statistical or machine learning techniques; building models; conducting analysis on behalf of other customers or teams.
- My teammate was **Making Business Decisions**, which then prompted me to do Triaging Work Items.
  As a reminder, Making Business Decisions is, for example, product planning, marketing strategies, allocating resources, investments, customer retention, and product release planning.
- My teammate was **Improving the User Experience**, which then prompted me to do Triaging Work Items.
  As a reminder, Improving the User Experience is, for example, understanding how customers adopt and use features, user engagement and task experience.
- My teammate was **Engineering the Data Pipeline**, which then prompted me to do Triaging Work Items.
  As a reminder, Engineering the Data Pipeline is, for example, working on infrastructure to collect data, store data, query data; cleaning, filtering, and aggregating data sources for others to use; providing APIs, tools, and interfaces to make data accessible.
- My teammate was **Instrumenting for Logs or Telemetry**, which then prompted me to do Triaging Work Items.
  As a reminder, Instrumenting for Logs for Telemetry is, for example, adding or removing logging events; using APIs to record; writing rules to adjust logging parameters in systems, for example, by enabling or disabling logging or telemetry events.
- My teammate was also **Triaging Work Items**, which then prompted me to do Triaging Work Items.
  As a reminder, Triaging Work Items is, for example, prioritizing bugs or features within products or services; assigning and routing activities to appropriate roles.
- I don't know
- None of the above

Raffle Entry

30. What is your Microsoft alias (only used for raffle)?