# Activity form: Evaluate different alert conditions and thresholds for specific scenarios

**Instructions:** Complete the form by answering the following questions in the table based on the scenario provided in the activity. Ensure your answers are concise and directly address the questions.

| **Step 1: Propose a metric-based alert** | **Your answer** |
| --- | --- |
| 1. What is the key metric you will monitor to track query response time effectively? |  |
| 1. Define the threshold for acceptable query response times (e.g., response times should stay below 500 ms). |  |
| 1. Why did you choose this metric and threshold? (Provide a brief justification in one or two sentences). |  |
| **Step 2: Use a static threshold** | **Your answer** |
| 1. What is the fixed value you are setting for query response times? |  |
| 1. Why did you choose this fixed threshold? (Provide a one-sentence explanation). |  |
| **Step 3: Alert frequency and actions** | **Your answer** |
| 1. How frequently would you want the alert to be triggered if the threshold is breached? (Choose one: 1 minute, 5 minutes, or 10 minutes). |  |
| 1. What action(s) would you set up once the alert is triggered? (Select one or more):  * Send an email notification to the database administration team. * Implement automated scaling actions (e.g., adding more database resources). * Implement alert suppression to prevent multiple notifications for the same issue. |  |
| 1. Why did you choose this frequency and these actions? (Provide a one-sentence justification). |  |