# Case Study 1: Storm Damage

First, meet the people in your group for today. Write down their names, where they come from, and what they hope to do when they graduate.

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Today we'll discuss a case study; see the reverse side.

Your client today is from the forestry department. Last June, there was a big storm in Minneapolis, and many trees were blown down. They want to study what factors contributed to whether or not a tree blew down. They are particularly interested in whether or not there was recent sidewalk repair, how wide the boulevard is, and how dense the soil is. (The boulevard is the space between the sidewalk and the road; that's where the trees are planted.) They also know that the species of the tree and the size of the tree should affect whether or not it was blown down.

Approximately 400 trees blew down. They want you to help them decide which of them to sample.

1. What additional questions do you have for the client?

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2. Define clearly the scientific question they want to answer.

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3. What ideas do you have for which trees they should sample?

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4. What statistical methods might be appropriate for answering this question?

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Name: _____


What question that was posed to the client today was the most informative to you? Why?

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