Introduction:
Quantitative risk assessment techniques are valuable tools for organizations. They provide management with solid numerical data regarding the value and potential loss of assets.

This activity allows you to use quantitative risk assessment techniques for YieldMore.

Scenario:
In order to help make better decisions regarding risk assessment data, senior management at YieldMore has requested quantitative information relating to key information technology (IT) assets.

Tasks:
You, as an employee of YieldMore, have been given a task of providing quantitative risk assessment information to senior management.

1. Estimate the value of at least five key IT assets in the organization.
2. Be sure you consider direct and indirect financial and business impact of the IT assets.
3. Calculate the single loss expectancy (SLE) of the IT assets. (For this exercise, you will need to estimate this value.)
4. Calculate the annual rate of occurrence (ARO) for risk associated with the IT assets. (For this exercise, you will need to estimate this value.)
5. Calculate the annual loss expectancy (ALE) of the IT assets.
6. Create a professional document to present your findings to senior management.

Rubric:
1. Did the team correctly identify and estimate the value of at least five key IT assets in the organization?
2. Did the team correctly consider the direct and indirect financial and business impact of the IT assets?
3. Did the team correctly calculate the single loss expectancy (SLE) of the IT assets and was their estimate reasonable?
4. Did the team correctly calculate the annual rate of occurrence (ARO) for risk associated with the IT assets and was their estimate reasonable?
5. Did the team correctly calculate the annual loss expectancy (ALE) of the IT assets.
6. Did the team create a professional, well-developed report with proper grammar, spelling, and punctuation?