**Decision Tree to Identify if a Specific Stock Experienced Herd Behavior**

**Objective**  
Using data on a specific stock (to determine what attributes are relevant) and a target variable (1 - Herd behavior, 0 - No herd behavior), we aim to determine if the stock was influenced by herd behavior.

**Why is this Important?**  
By understanding the decision path (whether a stock was impacted by herding), we can attempt to predict if the stock is likely to rise or fall due to herd behavior.

**Challenges**

1. **Defining the Target Variable**: How can we accurately determine if the stock movement was a result of herd behavior?
2. **Defining Herding**: What constitutes "herding"? A precise definition is needed.

**Proposed Solutions**

1. Assume a definition of herd behavior (e.g., a function of **CE** or other relevant metrics).
2. Refine the definition as part of the project.