

Quizlet 9

Complete the sentences with the correct data type (categorical, ordinal, numerical).

1. If you can calculate an average (mean) for a set of data, that data is almost certainly _____.

2. Movie genres (e.g., Sci-fi, Comedy, Action, Romance) are _____ data.

3. The "Star Rating" system for a movie (1 star to 5 stars) is _____ data because there is a clear hierarchy.

Which of the following scenarios **best** represents an example of Supervised Learning?

- ☐ A music app groups listeners into clusters based on listening habits, without any predefined categories.
- ☐ A retail website analyzes customer purchase patterns to discover hidden groupings of similar shoppers.
- ☐ A spam filter is trained on thousands of emails already labeled as "spam" or "not spam" to classify new incoming emails.
- ☐ A robot learns to walk by falling down and trying different leg movements until it succeeds.

Match each part of the Model, View, Controller framework to its specific responsibility in a simulation:

A. Repeatedly display the current state of the system using graphics:

B. Manage time loops and events that trigger changes: _____

C. Store the core components in a shared data structure and implement the core rules: _____