

Machine Learning

You can slightly adjust this for any scenario:

- It could use machine learning algorithm
- A large amount of data is collected
- The data is used to adapt its own process
- It analyses the data to find patterns and relationships
- The system makes predictions or decisions based on these patterns and relationships
- It stores the successful and unsuccessful results to improve future decisions

Example 1: Weather Prediction

- A machine learning algorithm is used
- Data about weather conditions is collected
- The data is used to train the machine learning model
- The model analyses the data to identify weather patterns
- The system uses feedback from previous predictions to improve accuracy
- The model predicts future weather conditions

Example 2: Facial Recognition

- A machine learning algorithm is used
- Data about images of faces are collected and labelled
- The data is used to train the machine learning model
- The model analyses the data to identify patterns such as distance between eyes and face shape
- The system uses feedback from previous results to improve accuracy
- The model identify the person using these data