Artificial Intelligence - Explain

Artificial intelligence (AI) systems learn based on the data they receive. One type of artificial intelligence is used to categorize data. The data can be images, sounds, text based, or any type of data collected. Many AI systems are supervised (humans determine the categories and provide examples of those categories).

If you were going to train an artificial intelligence image processing system how to differentiate the hand positions used in Rock, Paper, Scissors from a camera image, what types of data would you have to provide to appropriately train the AI System?



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What types of things should be considered in determining the training data? For example, does the orientation of the hand make a difference?

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How many pieces of data do you think would need to be provided to sufficiently train the AI system? Explain your reasoning.

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Where could this data be obtained? _____