

# Introduction to Machine Learning Concepts: Takeaways

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## Concepts

- Machine learning is the process of discovering patterns or rules from existing data.
- In machine learning, a feature is an individual measurable characteristic. We call each of the columns in the dataset features.
- When predicting a continuous value, the main metric we use to measure similarity is called **Euclidean distance**.
- k-nearest neighbors computes the Euclidean distance between a new observation and all the other observations in the data to find the closest neighbors and calculate a predicted value.

## Resources

- [K-Nearest Neighbors](#)

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