

Target Variables

The target variable, also known as the dependent variable or response variable, is the variable that the machine learning model is trying to predict or classify. It is the outcome or result variable.

Examples of target variables:

- In a housing price prediction model, the target variable might be the price of a house.
- In a spam email classification model, the target variable could be whether an email is spam (1) or not spam (0).

Independent Variables

Independent variables, also known as features or predictors, are the input variables used by the machine learning model to make predictions or classifications.

Examples of independent variables:

- Continuing with the examples mentioned earlier, in a housing price prediction model, independent variables might include features like the number of bedrooms, square footage, location, etc.
- In a spam email classification model, the features could include w

Related posts:

1. What is Machine Learning ?
2. Types of Machine Learning ?

What is target variable and independent variable in machine learning

3. Applications of Machine Learning
4. Data Preprocessing
5. Data Cleaning
6. Handling Missing Data
7. Feature Scaling
8. Labeled data in Machine learning
9. Difference between Supervised vs Unsupervised vs Reinforcement learning
10. Machine learning algorithms for Big data
11. Difference between Supervised vs Unsupervised vs Reinforcement learning
12. What is training data in Machine learning
13. What is Ordinary Least Squares (OLS) estimation
14. Scalar in Machine Learning
15. Scalars in Loss Functions | Machine Learning
16. Linear Algebra for Machine Learning Practitioners
17. Supervised Learning
18. Top Interview Questions and Answers for Supervised Learning
19. Define machine learning and explain its importance in real-world applications.
20. Differences Between Machine Learning and Artificial Intelligence
21. Machine Learning works on which type of data ?
22. Machine Learning Scope and Limitations
23. What is Regression in Machine learning
24. Statistics and linear algebra for machine learning
25. Finding Machine Learning Datasets
26. What is hypothesis function and testing
27. Explain computer vision with an appropriate example
28. Explain Reinforcement learning with an appropriate example
29. Reinforcement Learning Framework

What is target variable and independent variable in machine learning

30. Data augmentation
31. Normalizing Data Sets in Machine Learning
32. Machine learning models
33. Unsupervised machine learning
34. Neural Network in Machine Learning
35. Recurrent neural network
36. Support Vector Machines
37. Long short-term memory (LSTM) networks
38. Convolutional neural network
39. How to implement Convolutional neural network in Python
40. What is MNIST ?
41. What does it mean to train a model on a dataset ?
42. Can a textual dataset be used with an openCV?
43. Name some popular machine learning libraries.
44. Introduction to Machine Learning
45. Some real time examples of machine learning
46. Like machine learning, what are other approaches in AI ?
47. Statistics and Linear Algebra for Machine Learning ?
48. What is convex optimization in simple terms ?
49. What is data visualization in simple terms ?
50. What is data preprocessing in machine learning ?
51. What are data distributions, and why are they important ?
52. What is data augmentation in machine learning ?
53. What is labelled and unlabelled data set in Machine Learning ?
54. What is neural networks in Machine Learning ?
55. How are convolutional neural networks related to supervised learning ?
56. Fundamentals of Neural Networks

What is target variable and independent variable in machine learning

- 57. Linearity vs non-linearity in Machine Learning ?
- 58. Machine Learning Short Exam Notes
- 59. Machine Learning Short Exam Notes – Quick and Easy Revision Guide