> *Ordinary Least Squares (OLS) estimation is a statistical method used to estimate the coefficients of a linear regression model.*

In linear regression, we aim to find the best-fitting line (or hyperplane in the case of multiple linear regression) that represents the relationship between the dependent variable and one or more independent variables.

OLS is a way to determine the values of the coefficients that provide the closest match between the model's predictions and the observed data.

## Related posts:

1. What is Machine Learning ?
2. Types of 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. Scalar in Machine Learning
14. Scalars in Loss Functions | Machine Learning
15. Linear Algebra for Machine Learning Practitioners
16. Supervised Learning
17. Top Interview Questions and Answers for Supervised Learning
18. Define machine learning and explain its importance in real-world applications.
19. Differences Between Machine Learning and Artificial Intelligence
20. Machine Learning works on which type of data ?
21. What is target variable and independent variable in machine learning
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 Reinformcement learning with an appropriate exaple
29. Reinforcement Learning Framework
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
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