



Statistics fundamentals



1. Graphically Displaying Single Variable
2. Measures of Location
3. Measures of Spread
4. Covariance and Correlation
5. Probability
6. Joint Probability and independent events
7. Conditional probability
8. Bayes' Theorem



ML with Python





ML with Python



1. Applications of Machine Learning
2. Supervised vs Unsupervised Learning
3. Python libraries suitable for Machine Learning



Regression



Clus



Rec

A stick figure with a yellow circular head is pointing its right arm towards a large blue rectangular screen. The screen displays a list of topics related to regression analysis. The background is a light blue gradient.

Regression

1. Training and Testing
2. Forecasting and Predicting
3. Theory and how it works
4. program the Best Fit Slope
5. program the Best Fit Line
6. R Squared and Coefficient of Determination Theory
7. Model evaluation methods

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Reco



Classification



1. Introduction
2. Applying K Nearest Neighbors to Data
3. Euclidean Distance theory
4. Decision Trees
5. Regression Trees
6. Random Forests
7. Boosting Algorithm
8. Principal Component Analysis
9. Linear Discriminant Analysis



Clustering





Clustering



1. Handling Non-Numerical Data for Machine Learning
2. K-Means with Titanic Dataset
3. K-Means from Scratch in Python
4. Finishing K-Means from Scratch in Python
5. Hierarchical Clustering with Mean Shift Introduction



Recommender systems

