Mindluster Platform

About the course Linear model selection

Course Presenter : Data School

Linear model selection, in this course introduces you to the key techniques used to identify the best linear regression models for predictive accuracy and interpretability. You'll explore methods such as best subset selection, forward selection, and backward elimination. Weâ€™ll dive into how to evaluate models using criteria like Adjusted RÂ², AIC, BIC, and cross-validation. The course emphasizes balancing model complexity with performance, helping you avoid overfitting and underfitting. Through hands-on examples using R or Python, youâ€™ll gain practical experience in building and comparing multiple models. Whether you are working with a small set of features or facing high-dimensional data, youâ€™ll learn strategies to select the most relevant predictors. By the end of the course, youâ€™ll be equipped with the knowledge to apply model selection techniques effectively in real-world data science and statistical modeling tasks. Data School

Computer Science Category's Courses

Course Lesson(14)

Lesson 1 : **StatsLearning Chapter 6 part 1**

Lesson 2 : **StatsLearning Chapter 6 part 2**

Lesson 3 : **StatsLearning Chapter 6 part 3**

Lesson 4 : **StatsLearning Chapter 6 part 4**

Lesson 5 : **StatsLearning Chapter 6 part 5**

Lesson 6 : **StatsLearning Chapter 6 part 6**

Lesson 7 : **StatsLearning Chapter 6 part 7**

Lesson 8 : **StatsLearning Chapter 6 part 8**

Lesson 9 : **StatsLearning Chapter 6 part 9**

Lesson 10 : **StatsLearning Chapter 6 part 10**

Lesson 11 : **StatsLearning Lect10 R modelselection A 111213**

Lesson 12 : **StatsLearning Lect10 R modelselection B 111213**

Lesson 13 : **StatsLearning Lect10 R modelselection C 111213**

Lesson 14 : **StatsLearning Lect10 R modelselection D 111213**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort



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