

國立中山大學應用數學系  
學術演講  
應用數學實務課程專題演講

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講題： Either/Or

An Introduction to Support Vector Machine

時間：2016 /03/08 (星期二) 14：10 ~ 15：40

地點：理學院二樓 理 SC 2001 室

摘要

Data science has gained a lot of attentions from many levels recently. Universities feel obligated to have a program for it, professors are persuaded to teach related courses for it, and the students feel left behind without talking about it. Among the related courses, one of the most popular courses is “Machine Learning” and its main topic might be “Support Vector Machine”. Support Vector Machine is to find a hyperplane to separate the features of the data objects for classifications. In this lecture, we will give a brief introduction to Support Vector Machine and contrast it with other classification tools, which carry more sense of statistical modeling, like Fisher’s Linear Discriminant Analysis and the Logistic Regression. We would like to discuss the possible roles that statistical modeling can play in data science.

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