

Keynote Talk: Recent Advances of Non-Linear Regression in Machine Learning

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ABSTRACT

Machine learning (ML) techniques refer to a set of methods and algorithms that enable computers to learn patterns and make predictions or decisions without being explicitly programmed. Non-linear regression is considered a supervised learning task within the realm of machine learning. In this talk, first I will present some of the basic methods of the linear regression analysis, which is the backbone of data science and then will be talking about the recent advances of non-linear regression algorithms which can be used quite effectively for supervised learning in Machine Learning.

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