

How to Make Your Model Useful

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Abstract: After hours and hours of screaming, flipping and flopping those 0s and 1s, your machine hands you over a silver plate, panting. On that plate is a shining model, which is capable of crunching through a bunch of numbers and giving you another number. It is a glorious black box with no human-perceivable form. You must wonder: does it really work? Of course, it works! It will transform a bunch of numbers to another number! 100% of the time! But, is it useful, like saving the world type useful? In this seminar, we shall demonstrate a few real-world examples of how to use machine learning models to achieve tangible usefulness in areas ranging from corn breeding to poker games.



Bio: Dr. Lei Yuan obtained his Ph.D. at Arizona State University. After that, he has been doing applied machine learning research in a wide range of industries, including plant breeding, personalized news, and computational advertising. He is currently a Principal Machine Learning Scientist at Kwai Inc.