A review
Are edX and Coursera the future of university education?

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6.00x & Machine Learning

MOOCs benefit from critical, independent, and public evaluation from people who student state in their outcomes.

MOOCs, from Page 9

Instructors

The instructors are the nuts and bolts of learning to use Python simulations, basic statistics and data analysis, teaching it.

Machine Learning, via Stanford. It is important to note that edX (now offering 13 courses) and Coursera

their outcome.

Critical, independent,

can be very

hours of lecture time per week, but they're

MOOCs on edX/Coursera is the lecture,

I could take with "traditional" courses I took at MIT: I felt like I

learning algorithms.

I found myself surprisingly unwilling

basic neural networks, SVMs, and

overview of popular machine learning algo-

6.00x students earn credit for submitting code to online checkers.

6.00x skirts this problem by

do acknowledge that robust online

a "revolution in education. " Stanford's

MIT says

MOOCs are designed with the "blended

class material dumped online. Criti-

Feedback is deprived on both platforms.

It's not clear how much progress needs

MOOCs are not like OpenCourseWare

"try, try again" paradigm.

First, a debate over the "rigor" of an online

es to the rigor question. Ng says that instruc-

able in an edX course.

Another problem is that MOOCs may not

can be very substantial. The

within the limits of online course technology.

with news of upcoming exams and new

Unfortunately, things seemed to grind

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With many MOOCs" "blind" to some extent, it can be hard to
determine whether a question is graded on the basis of

6.00x isn't E.0.0, but it isn't centered down. Syllabi are virtually identical, problem sets are mostly the same, and courses are substantially similar.

Is it MIT-hard and

Stanford-hard?

There's nothing

taking with a machine learning course which

can expose a broader audience to really significant and unsupervised learning algorithms.

"We might be evangelists on the one hand, but as researchers we also have to be skeptics."

Anant Agarwal