THE ONLINE EDUCATION REVOLUTION

WHAT IS A MOOC?

Massive



A lot of students. These online classes are not capped - the popular classes have nearly 200,000 enrolled.





These are free classes. Students from all over the world participate in MOOCs.

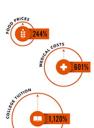


MOOCs are completely on the web. However many students, especially in cities, opt to create local study groups.





These are full courses, not only online video lectures but also interactive auizzes. discussion forums and graded





THE BIG THREE

coursera

REGISTERED USERS: 2.8 MILLION

> FUNDING: \$22 MILLION

COURSES: 220

UNIVERSITIES:

UDACITY

REGISTERED USERS: 400.000

> FUNDING: S21.5 MILLION

COURSES: 22

UNIVERSITIES:

edXREGISTERED USERS: 700.000

FUNDING: **S60 MILLION**

> COURSES: 25

UNIVERSITIES: 12

With a public four year in-state degree costing around \$90,000 on average it's easy to see why people are looking for alternatives.

EDUCATION + BIG DATA



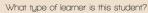
Since the first mood in 2008, this phenomenon has been spreading across many of the top colleges all over the world.













- What sequence of topics are effective for a certain type of student?



Which student actions are associated with better learning?



What actions indicate satisfaction and engagement?



Teachers, administrators and developers iump in when nessecaru



Students receive individualized material for their performance level and interests











The data is analyzed. Predictions student's performance



These predictions are reflected bu the content used by the learning system

WILLIAM KING