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# MOOC TRENDS IN 2016

: MOOCS NO LONGER MASSIVE

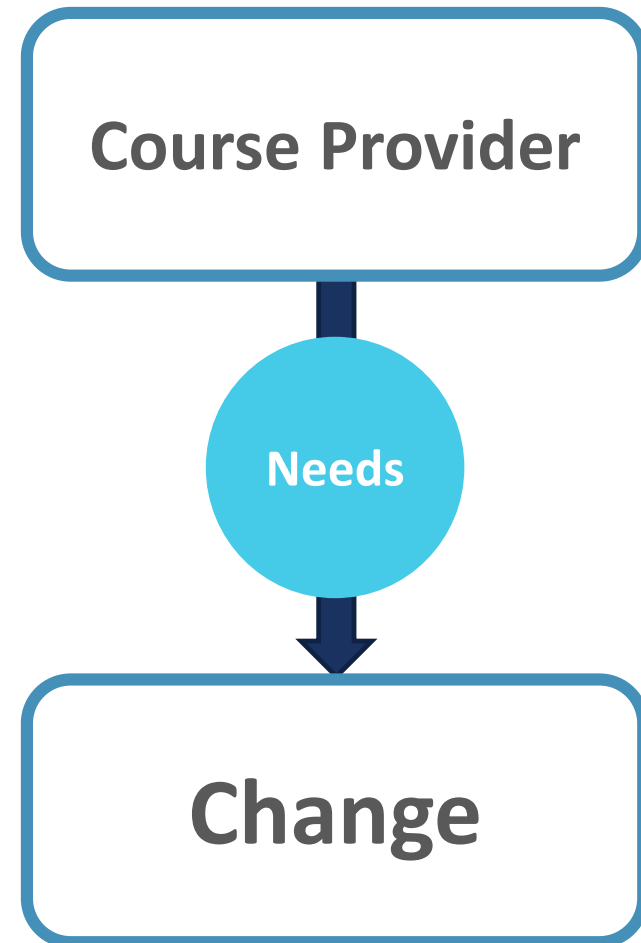
지현경

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- First MOOC
- MOOC Trends
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# FIRST MOOC/CHANGE OF PACE

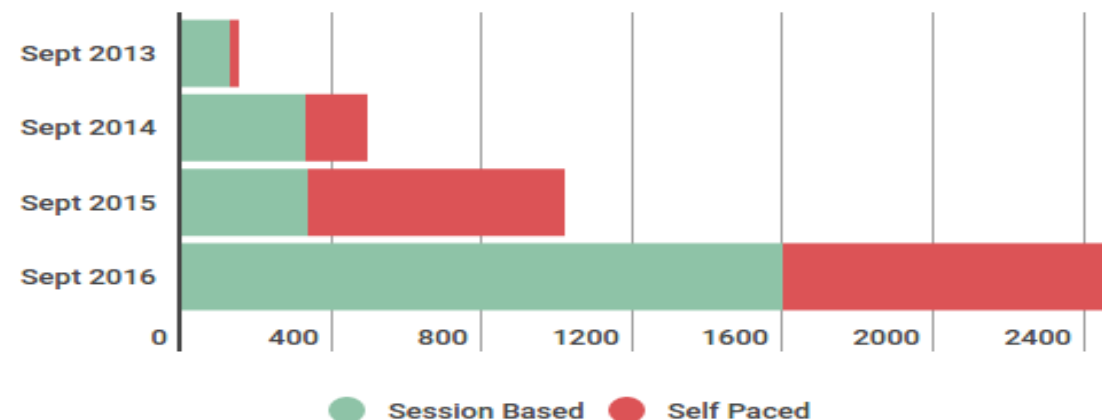
- MOOC 강좌 수 : 2014년에 비해 3배 이상 증가
- College Course 를 온라인에 그대로 옮긴 형태
- 학기 단위 수강 패턴/활발한 학습자 활동



# CHANGE OF PACE

- **Biggest change** of MOOC
- MOOC have become **more available**
- Users can now start MOOC **immediately**, and number of users have increased significantly.

## Availability of MOOCs



# CHANGE OF PACE

The screenshot displays a search results page for MOOCs. It features a grid of course cards and a sidebar for refining the search.

**Course Cards:**

- DelftX Pre-University Calculus (Self-Paced):** Current, Self-Paced. Status: VERIFIED.
- UQX IELTS Academic Test Preparation:** Current, Self-Paced. Status: VERIFIED.
- EPFLX MATLAB and Octave for Beginners:** Starting Soon, Starts: January 1, 2017 - Self-Paced. Status: VERIFIED.
- IITBombayX Thermodynamics:** Starting Soon, Starts: January 1, 2017 - Self-Paced. Status: VERIFIED.
- SmithsonianX Teaching Historical Inquiry with Objects:** Current, Self-Paced. Status: VERIFIED.
- Microsoft Introduction to Cloud Computing:** Current, Self-Paced. Status: VERIFIED.

**Refine your search sidebar:**

| Availability  | Count |
|---------------|-------|
| Current       | 30    |
| Starting Soon | 4     |
| Upcoming      | 1     |
| Self-Paced    | 39    |
| Archived      | 14    |

| Subjects                     | Count |
|------------------------------|-------|
| Art & Culture                | 1     |
| Biology & Life Sciences      | 7     |
| Business & Management        | 7     |
| Chemistry                    | 2     |
| Communication                | 1     |
| Computer Science             | 17    |
| Data Analysis & Statistics   | 8     |
| Economics & Finance          | 2     |
| Education & Teacher Training | 3     |
| Electronics                  | 3     |
| <a href="#">MORE...</a>      |       |

| Courses & Programs | Count |
|--------------------|-------|
| All Courses        | 47    |
| All Programs       | 3     |
| Credit-Eligible    | 1     |
| MicroMasters       | 2     |

- Scaling MOOCs required **removing professors from the active role** of running their courses
- Self paced format switched to a regular schedule, with **new sessions starting automatically** on a bi-weekly or monthly basis

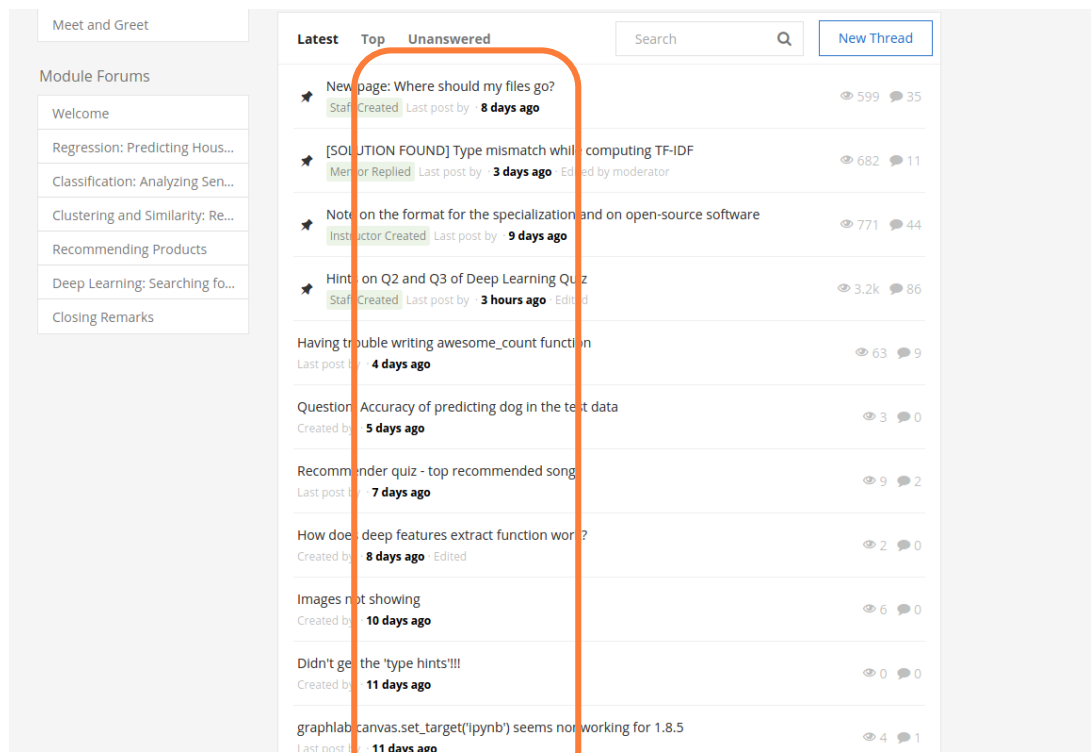
# FROM MASSIVE TO MEANDERING

- Courses were offered **once or twice a year**
  - the students were all piled into on **giant session**
- Recently , the same courses are **available through the year** and can **be started immediately**
  - Everybody is learning at their **own pace** and in much **smaller cohorts**



# FROM MASSIVE TO MEANDERING

- The downside : **drastic reduction in forum activity** within MOOC cohorts



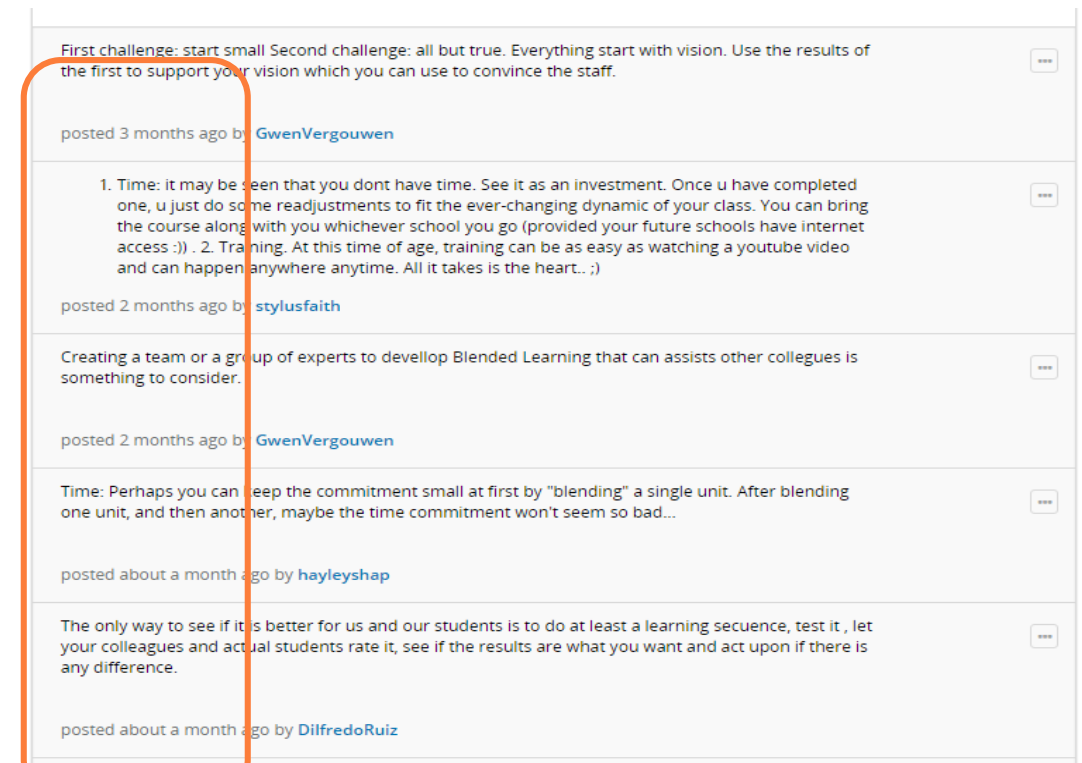
Meet and Greet

Module Forums

- Welcome
- Regression: Predicting Hous...
- Classification: Analyzing Sen...
- Clustering and Similarity: Re...
- Recommending Products
- Deep Learning: Searching fo...
- Closing Remarks

Latest Top Unanswered Search [New Thread]

| Thread Title  | Created            | Last post by | Time ago    | Views | Replies |
|---|--------------------|--------------|-------------|-------|---------|
| New page: Where should my files go?                                   | Staff Created      |              | 8 days ago  | 599   | 35      |
| [SOLUTION FOUND] Type mismatch while computing TF-IDF                 | Member Replied     |              | 3 days ago  | 682   | 11      |
| Note on the format for the specialization and on open-source software | Instructor Created |              | 9 days ago  | 771   | 44      |
| Hint on Q2 and Q3 of Deep Learning Quiz                               | Staff Created      |              | 3 hours ago | 3.2k  | 86      |
| Having trouble writing awesome_count function                         |                    |              | 4 days ago  | 63    | 9       |
| Question: Accuracy of predicting dog in the test data                 | Created by         |              | 5 days ago  | 3     | 0       |
| Recommender quiz - top recommended song                               |                    |              | 7 days ago  | 9     | 2       |
| How do deep features extract function words?                          | Created by         |              | 8 days ago  | 2     | 0       |
| Images not showing  | Created by         |              | 10 days ago | 6     | 0       |
| Didn't get the 'type hints'!!!  | Created by         |              | 11 days ago | 0     | 0       |
| graphlab.canvas.set_target('lpynb') seems not working for 1.8.5       |                    |              | 11 days ago | 4     | 1       |



First challenge: start small Second challenge: all but true. Everything start with vision. Use the results of the first to support your vision which you can use to convince the staff.

posted 3 months ago by [GwenVergouwen](#)

1. Time: it may be seen that you dont have time. See it as an investment. Once u have completed one, u just do some readjustments to fit the ever-changing dynamic of your class. You can bring the course along with you whichever school you go (provided your future schools have internet access :)). 2. Training. At this time of age, training can be as easy as watching a youtube video and can happen anywhere anytime. All it takes is the heart.. ;)

posted 2 months ago by [stylusfaith](#)

Creating a team or a group of experts to develop Blended Learning that can assist other colleagues is something to consider.

posted 2 months ago by [GwenVergouwen](#)

Time: Perhaps you can keep the commitment small at first by "blending" a single unit. After blending one unit, and then another, maybe the time commitment won't seem so bad...

posted about a month ago by [hayleyschap](#)

The only way to see if it is better for us and our students is to do at least a learning sequence, test it, let your colleagues and actual students rate it, see if the results are what you want and act upon if there is any difference.

posted about a month ago by [DilfredoRuiz](#)

# EVOLUTION OF MOOCS

- Everything **was** free
- MOOC providers started focusing on **monetization**, things went behind a paywall
- Certificates, courses, graded assignments

The image shows a screenshot of a MOOC enrollment page for 'Data Science Specialization'. The page features a navigation menu on the left with options: 'About This Specialization', 'Courses', 'Pricing', 'Creators', and 'FAQs'. The main content area has a header 'Launch Your Career in Data Science' and a sub-header 'A nine-course introduction to data science, developed and taught by leading professors.' Below this, the price is listed as '\$59.00 USD per month' with a blue 'Enroll' button. A modal window is open in the foreground, displaying the price 'US\$59.00 USD per month' and a list of benefits: 'Practice material, graded assignments, discussion forums and more', 'Certificates to share on your resume, LinkedIn, or CV', '24/7 customer support', '14-day refund policy', and 'Easy cancellation'. A blue 'Subscribe' button is at the bottom of the modal, along with the text 'Or subscribe for 12 months and pay US\$441.00 USD'.



# EVOLUTION OF MOOCS

## Learning at edX



### Earn a Valuable Certificate »

Select the Verified Certificate course option and receive an instructor-signed certificate with the institution's logo to verify your achievement and increase your job prospects.



### Professional Certificate »

Stand out in your field. Develop the expertise employers are looking for through a series of skills-based courses.



### Credit-Eligible »

Take courses on your schedule and receive academic credit without an application or transcript at a fraction of the cost.



### MicroMasters Programs »

A series of graduate-level courses to advance your career or accelerate your Master's degree. Recognized by industry leaders, MicroMasters provide in-demand skills and critical knowledge to stand out.



### XSeries Programs »

Work towards an XSeries Program Certificate to demonstrate competency in a specific subject area and a level of achievement.

Packaging



Certificates/credential



Real-world outcomes

# EVOLUTION OF MOOCS

- Edx : professional education(paid only course, since 2014)
- Microsoft, Wharton, Delft, MIT, ASU, and the New York Institute of Finance offer 40 courses
- MIT Big Data Course : \$495 (3,500 participants, 88 countries)

Professional Education x CLEAR ALL

| Course Title   | Start Date                         |
|--|------------------------------------|
| Teaching Historical Inquiry with Objects   | Starts: June 28, 2016              |
| Accountant in Business   | Starts: July 4, 2016               |
| Financial Accounting   | Starts: July 4, 2016               |
| Management Accounting  | Starts: July 4, 2016               |
| Enterprise Architecture and Essentials of The Open Group Architecture Framework... | Starts: July 14, 2016 - Self-Paced |
| Lab Safety: The Interactive Game of Don't Endanger the OWls                        | Starts: September 27, 2016         |

**Refine your search**

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| Design                       | 1     |
| Economics & Finance          | 19    |
| Education & Teacher Training | 1     |
| Electronics                  | 2     |
| MORE...                      |       |
| Courses & Programs           |       |
| Professional Education       | x     |
| Schools & Partners           |       |

TACKLING THE CHALLENGES OF  
**BIG DATA**

MIT | PROFESSIONAL EDUCATION  
Online X Programs

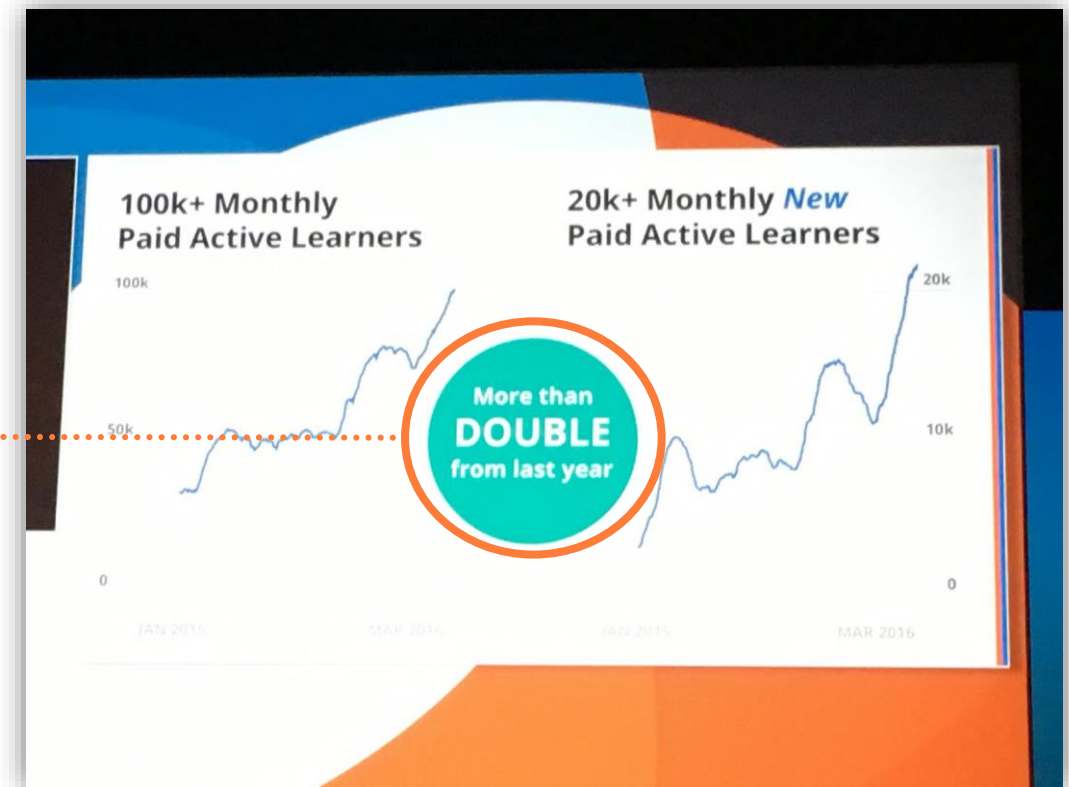
# EVOLUTION OF MOOCS

- Change target

Life long students



professional development courses



# DISCUSSION

- Giant session or Self-paced?
- Availability or Social interaction ?
- MOOC의 유료화 서비스는 지속되어야 할까?





Q&A