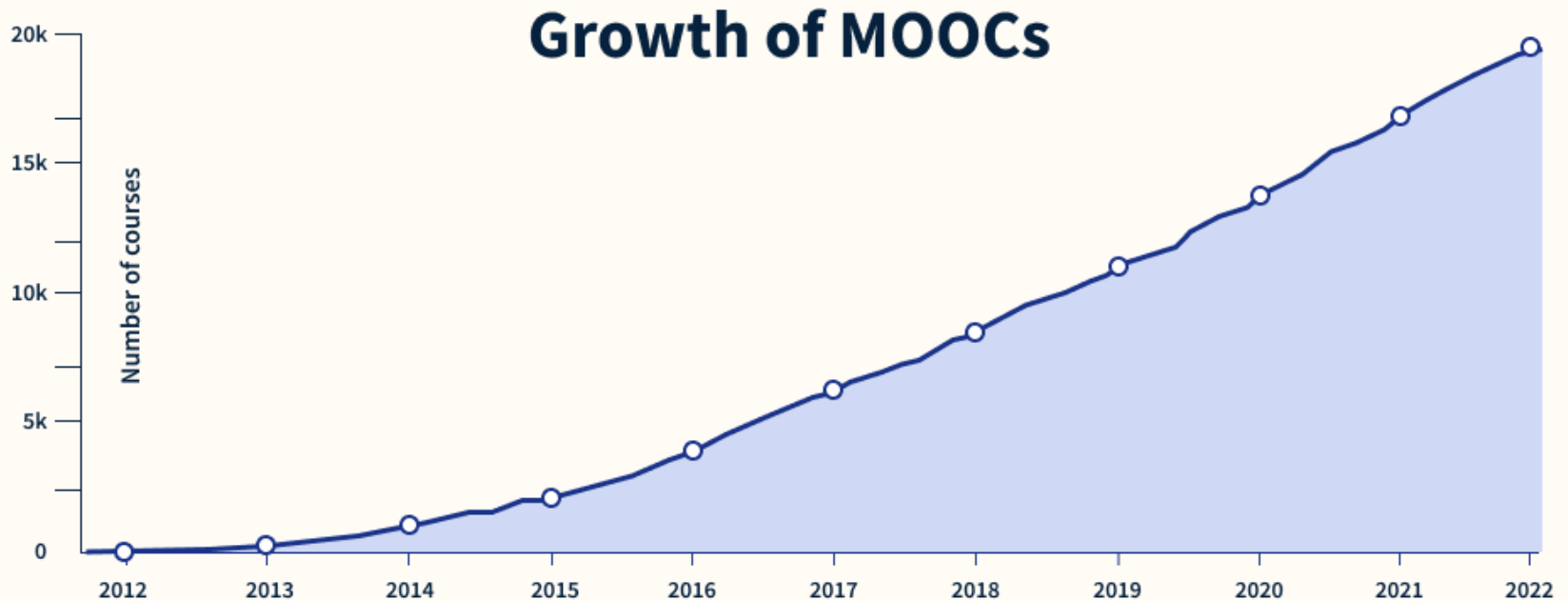# Set of quality management models for online educational courses

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# Growth of MOOC users

Statistics for 2024

- 49% of students worldwide have completed a certain type of online courses
- Online courses is the fastest growing market of education industry since its creation
- In 2000 it grew by 900%. 70% of students say that online courses are better than traditional in-class learning
- It is expected that the number of online courses' users will grow by 57 million until 2027
- Nowadays 80% of companies provide online courses or trainings
- According to forecasts, by 2026 online courses industry will account for more than $370 billion
- Online education and trainings can increase employee performance by 15-25%

A set of models for online courses quality management
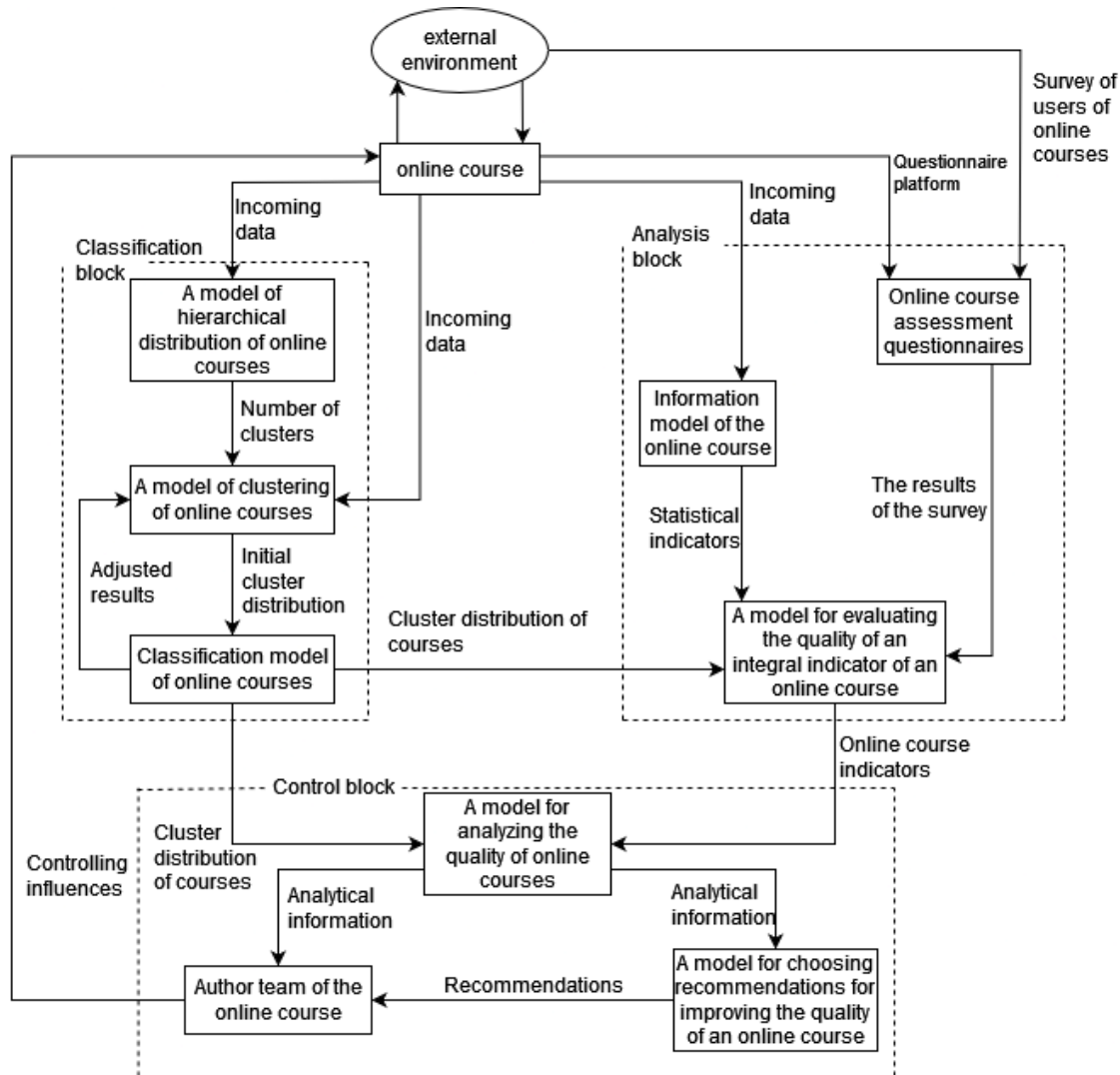
Stages of the set of models' construction

▸ Classification stage — is the first stage where we need to divide courses into clusters on statistical indicators of educational online courses.

▸ Analysis stage — on the second stage we need to conduct a statistical analysis of separate courses.

▸ Management stage — on this stage we need to analyze both statistical data from the second stage and the results from the cluster division on the first stage.

Conslusion

The set of models is aimed at qualitative and quantitative assessment of online course, that is, the assessment is based on both course users' feedback and their activity index. That allows to assess the adequacy of the obtained expert reviews (users of the course act as experts) and assess the importance of separate methodical and technical elements of the course.

Weaknesses of the set of models

‣ High dependence on the integrity of users' feedback on provided survey.

‣ Indirect impact of the set of models on the educational online course.