

Adaptive Learning Software Market: By Deployment, By Delivery, By Model, By Focus, By Application Forecast (2018-2023)

Adaptive learning allows instructors to analyze a student's performance in a deeper sense. Adaptive Learning Software addressing the unmet need of Students

HYDERABAD, TELANGANA, INDIA, August 29, 2018 /EINPresswire.com/ -- A parent may, at times, find their teaching methods ineffective for their children. Some children require different techniques to learn, and sometimes, they can't understand a teacher's or their parent's methods. That's where <u>adaptive learning software</u> steps in. An adaptive learning software assesses a user's understanding of the subject through different models, such as gamification, big data analytics and so on. Pearson/Knewton, Open Learning Initiative, CogBooks, Assessment and Learning in Knowledge Spaces (ALEKS) are some of the companies that have rolled out software to educational institutions.

Implementation of adaptive learning is easy in an educational institution, however the costs for implementation can act as a hurdle. Schools and institutions are expected to have computers for every student and provide training for the same, which not all institutions can afford to provide. Also, with new information gathered, curriculum changes yearly, so unless institutions hire someone to update syllabus and questioning mechanisms, there will be cost incurred yearly for new software.

Adaptive learning's core challenge comes with identifying if a student really knows the concept or happened to guess the right answer. The software should be implemented in such a way that a user is tested through multiple different models on the same concept. This should help to identify what method of learning would be appropriate for him/her.

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Adaptive learning also needs to account for outliers. For example, if a student is slow to understand concept of mechanics, but better in the other concepts, will he/she be on a different path as compared to those who are good at mechanics. Some students study through logical reasoning and some through verbal learning. Adaptive systems should identify which method would be best for a student, by analyzing his/her data. Again, integration of other emerging technologies, like cloud and big data could help speed up the process.

Adaptive learning allows instructors to analyze a student's performance in a deeper sense. The performances of students is easily comparable upon these systems, and allows both instructors and students to forecast their future performances and identify key areas. Traditional methods of testing concepts provides speculative insights while this online software gives detailed insight into how a student can improve, a benefit which can drive the demand for this product.

The number of institutions with online learning portals is increasing, and the usage of laptops and mobile for learning concepts is being encouraged. Moreover, a majority of students now possess a smartphone keeping them engaged with digital content throughout the day. They may use mobile applications of emerging technologies, such as augmented reality (AR) and virtual

reality (VR) and therein lies an opportunity for adaptive learning. Adaptive learning on its own, may engage the users, but with the ability to visually interact with concepts, the process of learning can now be further immersive. For example, a teacher can take students on a field trip without having to leave the building. In the future, students could see simulations of past events in case of History, and interactive applications, such as solution mixing in Chemistry, planet environment observation in Physics, and so on.

The integration of augmented and virtual reality could add sufficient value to adaptive learning software, such that it becomes widely used in different universities and educational institutions. Each of these will require a different software, based on the curriculum and this will be a challenge to the tech providers, although with the vast potential benefits, such as time-to-learn reduction and better grasping of concepts, the demand for the software should grow.

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Adaptive Learning Software Market is segmented as indicated below:

- 1. Adaptive Learning Software By Deployment
- 1.1. Introduction
- 1.2. Cloud
- 1.3. In-Premises
- 1.4. Hybrid
- 2. Adaptive Learning Software By Delivery
- 2.1. Introduction
- 2.2. Video
- 2.3. Voice
- 2.4. Text
- 2.5. Hybrid
- 3. Adaptive Learning Software By Model
- 3.1. Introduction
- 3.2. Gamification
- 3.3. Big Data
- 3.4. Virtual Learning Model
- 3.5. Others
- 4. Adaptive Learning Software By Focus
- 4.1. Introduction
- 4.2. Mathematics
- 4.3. Literature
- 4.4. Language
- 4.5. Finance
- 4.6. Marketing
- 4.7. Functional Language
- 4.8. Others
- 5. Adaptive Learning Software By Application
- 5.1. Introduction
- 5.2. Education Institution
- 5.2.1.1. Lower Elementary
- 5.2.1.2. Advanced Elementary
- 5.2.1.3. Junior High
- 5.2.1.4. Senior High
- 5.2.1.5. University Graduation

- 5.2.1.6. University Post-Graduation
- 5.2.1.7. Others
- 5.3. Corporate
- 5.3.1.1. Small Organization (<500 employees)
- 5.3.1.2. Medium Organization (500-1000 employees)
- 5.3.1.3. Large Organization (>1000 employees)
- 5.4. Online Course Providers
- 6. Adaptive Learning Software Market By Entropy
- 7. Adaptive Learning Software Market By Geography

Companies Cited/Referenced/Interviewed:

McGraw-Hill Education

DreamBox Learning Inc.

The CK-12 Foundation

CogBooks

Kaplan Inc.

Desire2Learn

Fishtree

Fulcrum Labs

Curriculum Associates

Istation

Knewton

Knowre

LearnBop

Lexia Learning

Pearson

Company 20+

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B. Mixed Reality Market

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What can you expect from the report?

The Adaptive Learning Software Report is Prepared with the Main Agenda to Cover the following 20 points:

- 1. Market Size by Product Categories
- 2. Market trends
- 3. Manufacturer Landscape
- 4. Distributor Landscape
- 5. Pricing Analysis
- 6. Top 10 End user Analysis
- 7. Product Benchmarking
- 8. Product Developments
- 9. Mergers & Acquisition Analysis
- 10. Patent Analysis
- 11. Demand Analysis (By Revenue & Volume)
- 12. Country level Analysis (15+)
- 13. Competitor Analysis
- 14. Market Shares Analysis
- 15. Value Chain Analysis
- 16. Supply Chain Analysis

- 17. Strategic Analysis
- 18. Current & Future Market Landscape Analysis
- 19. Opportunity Analysis
- 20. Revenue and Volume Analysis

Frequently Asked Questions:

Q. Does IndustryARC publish country, or application based reports in Adaptive Learning Software?

Response: Yes, we do have separate reports and database as mentioned below:

- 1. North America Adaptive Learning Software (2018-2023)
- 2. South America Adaptive Learning Software (2018-2023)
- 3. Europe Adaptive Learning Software (2018-2023)
- 4. Asia Pacific Adaptive Learning Software (2018-2023)
- 5. Middle East and Africa Adaptive Learning Software (2018-2023)
- 6. Cloud based market for Adaptive Learning Software (2018-2023)
- 7. Universities Market for Adaptive Learning Software (2018-2023)
- 8. Big Data model Market for Adaptive Learning Software (2018-2023)
- Q. Does IndustryARC provide customized reports and charge additionally for limited customization?

Response: Yes, we can customize the report by extracting data from our database of reports and annual subscription databases. We can provide the following free customization

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- 3. Find out market shares for other smaller companies or companies which are of interest to you.
- 4. Company profiles can be requested based on your interest.
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