

Software Development AI Market is estimated to reach \$567.806million by 2024 growing at a CAGR of 23% from 2018 to 2024

Artificial Intelligence technology is already in a growing stage but, it is showing a huge growth potential in software development industry.

HYDERABAD, TELANGANA, INDIA, September 11, 2018 /EINPresswire.com/ -- Impact of <u>Artificial Intelligence</u> in Software Development Industry

Artificial Intelligence technology is already in a growing stage but, it is showing a huge growth potential in software development industry. It is possible by initiating with helping software application developers and testers with enhanced tools and also demands more for AI software applications. As, Software Development are full of technologies, coding, testing processes, artificial intelligence is used to create new or innovative technologies which reduces the effort of developers or software programmers to save cost and time.

Artificial Intelligence is growing in a rapid pace with many advanced technologies in the last couple of years. Many types of artificial intelligence technologies which were integrated with the field of cognitive computing, machine learning, deep learning, big data, and predictive analytics that helps in AI for software development market. More advancement in neural network technology makes it possible to 'teach' machines more efficiently and this machine learning is mainly emerging software development industry for Artificial Intelligence market space.

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Developing good software is a major challenge for several reasons as software development is full of technologies, it will consist of a minimum range of tools which helps the software application developers or software programmers to write code efficiently. It is becoming very simple to use artificial intelligence for developing code in an easier format. Recently, Amazon had released Cloud 9 which is integrated directly to the cloud computing, this stood as an example to show the importance of the artificial intelligence in software development, as the cloud 9 is developed completely by using machine learning techniques.

Many Developers are showing interests towards artificial intelligence which can simply tap into the cloud-based AI, which in turn will be used in the software to develop the future generation apps. Machine Learning and Deep Learning is the base technologies of artificial intelligent software programmers which are required to master build applications and can learn on their own. Basically, software programmers are mainly concentrating on reducing the code, instant algorithms, and configure them to self-learn.

Software Development Industries are willing to adapt and implement AI technologies in coding which helps the developers or software programmers to reduce the code by using the enhanced tools and technologies that were offered by the artificial intelligence. This is the main factor which is driving the market of the software development AI.

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As software industry is growing in a rapid pace, artificial intelligence companies are spending more capital on software by creating innovative enhanced tools which will help the software application developers or programmers as well as testers to reduce the code, offering instant algorithms, and make them as self-learn. Investing more in the software development industry leads to create better software which is very safe and created under the conventional environment. If software devices usage like mobile apps, televisions, laptops, computers, software projects is increased, then there will be an increase in the adoption of artificial intelligence in the software industry by offering new technologies, tools, accuracy and so on. Software had become the main platform for all the advancement in our daily lives like shopping and so on. In 2017, artificial intelligence has invested in software development approximately 31-50% shares only on the software which is a very significant factor to drive the market further.

As per Sauce Labs the information about the software testing tools which were developed by the artificial intelligence in software development industry. Al Prediction is the tools which will be developed by using the artificial intelligence and makes the coding easier to the software application developers or programmers and testers. Prediction IO is the best tool which had the highest revenue generation among all the other tools offered by the artificial intelligence in software development which consists of prediction IO platform, event server, and template gallery. It comes under machine learning server which is placed at the top of an open source stack of developers and data scientists to initiate predictive engines for any type of machine learning task. Selenium and Appium had the second highest share among all the other testing tools in 2017.

As per Sauce Labs the information about the newly installed software development kits in mobile apps in 2017. These are the SDKs which were enhanced by the artificial intelligence for better performance and then will be used in software development. If there is an increase in the software development kits there will be an increase in the adoption of artificial intelligence which in turn will expand the market for the software development in Al. In 2017, cardova is the majorly used SDK which rises the market. According to this rise in the software development, experts are willing to adapt artificial intelligence technologies to improve the performance of the software and also expected to have a huge growth during the forecast period.

The major use of developers or programmers and testers by offering different tools which reduces the costs, time and effort of the developers. There are 5 main programming technologies which will be used in the software development such as python, R, lisp, prolog, and java. These languages will play the significant role in the development of the software projects by using artificial intelligence. Increase in the software industry will increase the adoption of artificial intelligence. This adoption of Al in software development is expected to have a huge growth with many innovative technologies and some enhanced tools during the forecast period.

What can you expect from the report?

The Software Development Al Market 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 Software Development Al Market?

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

- 1. North America Software Development Al Market (2018-2023)
- 2. South America Software Development Al Market (2018-2023)
- 3. Europe Software Development Al Market (2018-2023)
- 4. Asia Pacific Software Development Al Market (2018-2023)
- 5. Middle East and Africa Software Development Al Market (2018-2023)
- 6. Python Software Development Al Market (2018-2023)
- 7. Ant Colony Optimization (ACO) Software Development Al Market (2018-2023)
- 8. Project Management Software Development Al Market (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

- 1. Increase the level of data in application or end user industry.
- 2. Increase the number of countries in geography or product chapter.
- 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.
- 5. Patent analysis, pricing, product analysis, product benchmarking, value and supply chain analysis can be requested for a country or end use segment.

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