Considering the risks that can be harmful for individuals and society, the artificial intelligence is one of the most useful tools to increase security and productivity due to its minimizing effects on risk factors. To begin with, increasing security in work life and in daily life can be shown as a powerful reason for usage of artificial intelligence. Primarily, the application of artificial intelligence to the industry prevents injuries and deaths. Considering the deaths in workplaces that are caused by individuals, the most striking effect of artificial intelligence in work life is increasing security in work life. Battaglia states that according to the research done by European Commission in 2010, almost one worker in ten has had an accident or health problem because of their job (2004). Therefor, it can be concluded that high rate of deaths is the result of mistakes done by individuals and the usage of artificial intelligence brings about the elimination of human mistakes and it results in decreased work accident. Moreover, usage of AI in daily life reduces fatal mistakes and probable errors. In case of usage of basic tools in daily life, the help of AI makes daily life easier and safer by carrying out some instructions that can decrease the effort spent by individuals and by minimizing the risks that can be caused by individuals. For instance, Bradshaw-Martin, Easton stated that a verified probability theory Poisson distribution based research asserts that traveling 725,000 miles with a self-driving car is 99 percent accident free. It proves that a self-driving car is safer in comparison with a car with a human driver (2014). Thus, due to precision of working conditions of artificial intelligence mechanism, mistakes done by individuals can be eliminated. In conclusion, AI technologies prevents injuries and deaths in work areas and in daily life by making mechanical parts of vehicles safer and decreasing operations that requires human handling.

Besides increasing security, AI also increases productivity. Due to industrialization and crowded population in the world, production should be qualified, but also should be efficient in terms of energy and economy. While the sources of the world have been consumed more and more, low energy consumption have becomes more important. For instance, as Tracy stated, the team that created Google’s famous GO player by using DeepMind Algorithms announced that this algorithm could increase the prolificacy by cutting electricity usage by 15% (2017). Carrying out the same amount of production with less energy increases efficiency of production progress and excess energy consumption can be prevented. Furthermore, economical aspects of the production are the most important aspects in business due to the profit and efficiency of production. Earning more money and investing less amount of money are the key concepts of contemporary industrial world. Using tools which are controlled by artificial intelligence require less investment and bring about better results. As indicated by Fethi, there is a lot of research about banking through the usage of AI technology and its classifications such as Neural Networks and Decision Trees (2010). Hence, in production processes such as deciding and applying, artificial intelligence that makes decisions completely logical, gives better results than the individuals that can be manipulated by many different things. To sum up, applying AI in production process causes less energy consumption and by doing that individuals or companies can get great economic benefits from AI and its tools.