

Living in a digital age

Today I **want** to tell about **smart cities** and **machines**. Now, society work hard to develop, to improve our life, people life's all over the world. The last time IT technologies actively brought many new opportunities. **And** now **we live** in **the Digital Age**. In the world today, technology **is used** all around us. For example, now we have many smart machines, also appear smart cities.

But what does it mean? A smart machine is a **device** embedded with machine-to-machine and/or **cognitive** computing technologies such as **artificial intelligence**, machine learning or deep **learning**, all of which it uses to reason, problem-solve, make decisions. **And** a Smart City is a city that includes information and communication technology to improve the quality and performance of urban services such as energy, transportation and utilities, and to reduce resource consumption, waste, and overall costs is the name. The main purpose of Smart City is to improve the quality of life of citizens through smart technology.

In my opinion, now we cannot live without new smart technologies. Because due to they we **can** do our lives better and better, we can open new horizons. And of course, it is no secret that now technology is smarter than ever.

For example, the smart city which now is building all over the world - **must be** a city where all **done** for people, must be the city with big opportunities. The approaches of urban project it is a city with intelligent **system** for transport, power stations, it is a technologically advanced city and a **programmable citywide**. **Also**, smart city collects data and then analyze it for efficient use and improve government, infrastructure etc. All smart city in our modern world built on best technologies. **And** the city can get smarter due to the continuing improvement of people's quality life. For example, now actively develop **networks**, stay popular **fibre** networks, which has high speed. Now service providers work on capability to **develop** 5G technologies. Free public **Wi-Fi** is also one of the features of urban projects. **Also**, in smart cities actively used **artificial intelligence**. For example, you can order a taxi without drivers. Some enterprises use smart machines such as robots and other devices replace human workers. And, of course, there is a special attention paid to education. The government invite the best professors in university from all over the world. For children are built equipped kindergartens, **where** you can find wellness sections. And the most important thing it is the modern hospitals with the best doctors and equipment. Because, how you can see, the government take care of the health of its people.

Also actively developed new smart machines, no one smart cities will exist without them. **Now** we have many smart machines, such as smart watch, smart fridge, smart phone, smart machines include robots, self-driving cars and other cognitive

computing systems that are designed to work through tasks without human intervention. Smart machines are **digital disruptors** because of the positive and negative impact they have, and **will continue to** have, on society. In business, for example, the competitive advantages these technologies are **capable** of providing are expected to bring higher profit margins and lead to more efficient manufacturing processes. However, smart machines are also expected to **displace** workers and dramatically change the nature of work and other societal norms. Many smart machines can replace humans in completing a task; robotic automation in manufacturing facilities, for instance, can and does replace human workers. But some smart machines, such as those used to diagnose diseases and recommend the best treatments, work for humans, for example, doctors.

In conclusion, I want to say that it is very good, that all develop and that appear new technologies, and with them we **may** have new opportunities. That's why smart cities are building and developing especially for people, for their comfortable lives, as well as for the creation of new technologies. **But if** we are talking about smart machines, **we must** take into account the various aspects of these technologies and their impact, somewhere it makes life easier for people, helps in difficult situations, etc., but we must take into account that because of this optimization many people may be left without their jobs.

Active Vocabulary: 23. Grammar Structure: 11. Linkers: 11. Total: 704 words.