- "Artificial Intelligence" helped Chinese scientists identify 20,000 potential suicides and provide them with psychological help, TASS reported in January 2018 with reference to Xinhua News Agency.

- In December 2017, Carlsberg announced the use of artificial intelligence, which helps the Danish company create new varieties of beer.

- Developments in the field of artificial intelligence will help radically change the judicial system, make it more fair and free of corruption schemes. This opinion was expressed in the summer of 2017 by Doctor of Technical Sciences, technical consultant Artezio Vladimir Krylov. The scientist believes that already existing AI solutions can be successfully applied in different spheres of the economy and public life. The expert points out that AI is successfully used in medicine, but in the future it can completely change the judicial system.

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THE MAIN CAUSES OF AIR CRASHES

1. Pilot error. Since the aircraft became more reliable, the share of accidents caused by pilot errors has increased. At the moment it is about 50%. Airplanes are complex mechanisms that require compliance with many norms. Since pilots are actively interacting with aircraft at all stages of the flight, there is a lot of possibilities that something goes wrong – from unsuccessful programming of the onboard computer to incorrect calculation of the required amount of fuel. Such errors are terrible, but it is important to remember that the pilot also remains the last hope when something goes wrong. In January 2009, the Airbus A320 collided with a flock of geese over New York. The aircraft engines failed, Captain Cesli Sallenberger estimated several options and quickly responded to the situation. Based on his considerable experience, Sallenberger decided to deploy the plane and plant it on the Hudson River. Two pilots saved over 150 people – they were the elements that techno-enthusiasts dream of replacing with computers and controllers. The share of accidents caused by pilot errors is about 50%.

2. Equipment failure. In spite of improved design and high-quality production, the equipment failures nowadays is the cause of 20% of disasters. Engines have become more reliable than half a century ago, but today from time to time there are terrible failures. In 2010, in the sky over the Indonesian island of Batham the engine of A380-842 airline Qantas exploded. Thanks to the skill of the pilots, the aircraft landed safely. At times with new technologies there are new types of malfunctions. For example, in the 1950s, airplanes with turbo-propulsion engines appeared, and with them a completely new risk – the "fatigue" of construction material, caused by excessive pressure of the supercharger.

3. Weather. About 20% of accidents occur due to adverse weather conditions. Despite the many electronic devices such as gyroscopic compasses, satellite navigation

and updated weather data, aircraft still suffer from storms, snow, and fog. In December 2005, the Boeing 737-7H4 of Southwest Airlines, flown from Baltimore to Chicago, attempted to land during a blast. The liner rolled out of the runway and crashed into the car standing nearby, killing the kid. One of the most famous incidents related to bad weather conditions occurred in February 1958. A British-European Airways twin-engine passenger plane crashed while attempting to take off from the Munich airport. 23 people were killed, many of whom were players of the Manchester United Football Club. The investigation found that the airplane slowed down to such an extent that it could not reach the speed required for take-off due to the snow on the runway.

4. Sabotage. Sabotage is the cause of about 10% of the fall of planes. As with lightning strikes, the risk of sabotage is much lower than people think. However, many shocking assaults of saboteurs are known. In September 1970, the seizure of three passenger aircraft in Jordan became a turning point in the history of aviation. Three planes, captured by supporters of the Popular Front for the liberation of Palestine, were blown up literally in the eyes of the world press. Despite the increased security measures, criminals still manage to avoid obstacles – such as the so-called "shoe terrorist" Richard Reid, who in 2001 carried aboard a bomb plane hidden in a boot. Fortunately, Reid's attempt to blow up the plane in between was unsuccessful.

5. Other human errors. Other losses are the cause of other human factors: errors of air traffic controllers, loaders, auto gas re-fuellers or maintenance engineers. Some of the technical staff who had to withstand long changes can make potentially catastrophic errors. In 1990, the piercing of the British Airways windshield was worth the cost to his captain. According to the incident investigation, almost all of the 90 glass screws were smaller than the required diameter. Instead of realizing that the difference between the bolts and holes was due to the fact that he took the wrong bolts, a technical worker who adhered the glass, decided that the problem was too big openings. He was asleep poorly and took up the replacement of glass in the period when his biological clock required a dream – and at the time, logical thinking often refuses.

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COMPUTER TECHNICIANS' SLANG

Scientific and technological progress leads to the active enrichment of the terminology of English. In particular, modern computer terminology is constantly evolving and replenishing. Sometimes the terms and definitions are too complicated to pronounce. It's much easier to say the same word in short, to throw extra letters out of it. So developers and programmers began to communicate in their own language.

Slang does not exist by itself, but forms an integral whole with the official language. It is through slang that the literary language replenishes its composition. It obeys the general laws of the type of construction of whole texts, word formation,