Nowadays we can see excited people about Machine Learning because of its massive application in real world problems. The first example of Machine Learning in real world problems is about phones that recognize people in our gallery, but another powerful application is the search engine of Google, where the AI can understand the written and spoken text. The next achievements are self-driving cars, self-writing articles and self-recognition of diseases from medical scans.   
I think that the most important thing algorithm is the one that writes new articles.   
The other to tasks are exciting, but are based on image recognition and it’s something that is not new.