

# Topical Feature: Rise of Machine Learning Discovery

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## INTRODUCTION

### Artificial Intelligence: Genesis of Machine Intellect



With AI, machines are able to think and act accordingly to perform tasks and also learn according to new data encountered. This report provides some history as well as drivers of AI progress.

Source: [Frost and Sullivan](#) (30 September 2016)

## 2016 HIGHLIGHTS

### These Were The Best Machine Learning Breakthroughs Of 2016

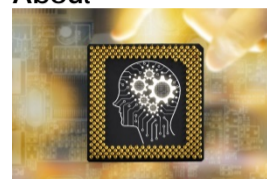


A summary of the most notable advancements in machine learning that took place in 2016. From lip reading to more accurate translations.

Source: [Forbes](#) (30 December 2016)

## APPLICATION

### The Top 10 AI And Machine Learning Use Cases Everyone Should Know About



Find out where machine learning is being applied in real life and how. Include financial trading and health care.

Source: [Forbes](#) (30 September 2016)

## BASICS

### The 10 Best AI, Data Science and Machine Learning Podcasts

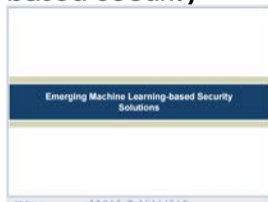


Interest to know more about AI and Machine Learning. Find out more through a series of podcasts from the basics to talking machines and linear digressions.

Source: [MEDIUM.COM](#) (18 NOVEMBER 2016)

## CYBER SECURITY

### Advancements in Machine Learning-based Security

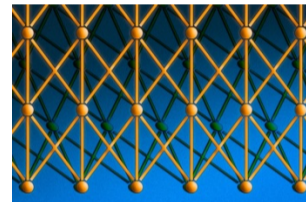


The latest trends in cybersecurity are systems that are smart enough to take action against threats without instructions. This report highlights the latest trends and applications of machine learning to security systems.

Source: [Frost and Sullivan](#) (7 apr 2017)

## DEEP LEARNING

### Explained: Neural networks



Deep learning is actually a new name for a technique that was developed 70 years ago known as neural networks. Learn more about its history, application today and unanswered questions.

Source: [MIT NEWS](#) (14 April 2017)

## JOBS

### What Amazon's cashier-free store could mean for millions of workers



Amazon is testing its cashless and cashier-free stores. Patrons will shop and transact using an app on their portable device.

Source: [PBS NEWS](#) (7 December 2016)

## LANGUAGE

### An AI agent with human-like language acquisition in a virtual environment

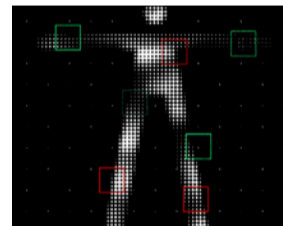


A virtual teacher is used to impart language skills to an AI Agent. The language skills learned showed potential in machines being able to use language as people do in the future. Details on the study available.

Source: [BAIDU](#) (29 March 2017)

## MEDICINE

### A.I. VERSUS M.D.



Machines are learning to diagnose patients and in some trial tests have outperformed specialists. Read about the potential of having machines performs the role of doctors.

Source: [NewYorker](#) (3 April 2017)

## OUTLOOK

### The 2017 Machine Learning Outlook



Listen to this podcast on the Future trending topics in the area of Machine learning. Covering topics such as skills required, application to the energy sectors and many more

Source: [MEMSQL](#) (13 January 2017)

## PROPAGANDA

### The Rise of the Weaponized AI Propaganda Machine

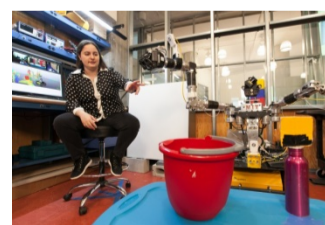


Find out how machine learning can push propaganda to influence political election outcomes, such as Donald Trump's victory.

Source: [SCOUT](#) (10 February 2017)

## ROBOTICS

### Teaching robots to teach other robots



A Professor and student have written a program that enables robots to learn from humans and then transferred to another robot of a different configuration to perform the task.

Source: [MIT NEWS](#) (10 May 2017)