

## AI Deep Learning Patents Data 3Q 2016

AI Deep Learning Patents Data 3Q 2016 is a custom research of TechIPm, LLC ([www.techipm.com](http://www.techipm.com)) based on the analysis of the published patent applications and issued patents in the USPTO regarding the AI (Artificial Intelligence) deep learning techniques.

### Methodology

1. Search for the AI deep learning related patents.

- Search the USPTO database for the AI deep learning related published patent applications and issued patent as of 3Q 2016

2. Review the searched patents for the key AI deep learning patents.

- Categorize the identified patents by Industry  
Aerospace, Agriculture, Automotive, Consulting, Consumer Electronics, Defense, Education, Entertainment, Government, Industrial, Internet, IT solution, Medical, Device, Pharmaceuticals, PME (Patent Monetization Entity), R&D (including university), Security, Semiconductor, Software, and Telecom
- Categorize the identified patents by the key application  
Automation Rule Creation, Character Recognition, Cloud Computing, Computer Vision, Control Automation, Cyber Security, Data Processing, Detecting Abnormalities, Document Classification, Feature Extraction, Financial/Investment Analysis, Human Action Recognition, Human Emotion Recognition, Human Mental State Recognition, Image Classification, Natural Language Processing, Object/Image Recognition, Online Search, Pattern Recognition, People Counting, Predictive Analytics/Decision Supporting System, Recommendation System, Speech Recognition, and Telecom/Computer Network Management

### Deliverables

**MS excel file** for assignee, patent number (hyperlinked to Google Patent), title, priority year, application category, industry category

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