

January 2018

26

Friday

Week 04

Day 026 • 339

Date 26 • 01 • 2018

Application Areas ML

| | M | T | W | T | F | S | S |
|---------|----|----|----|----|----|----|----|
| | | | | 1 | 2 | 3 | 4 |
| FEB '18 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| | 26 | 27 | 28 | | | | |

- 8.00 OCR - ANN & HMM are used to understand handwriting.
- 9.00 Face detection - HMM used in detecting a face in a picture frame.
"automatic friend tagging suggestion"
- 10.00 Spam Filtering - SVM, ANN, HMM can be used
- 11.00 Spotting a particular type of news in news articles.
- 12.00 Understanding Speech - speech to text, Siri, Alexa, Cortana
Google Assistant.
- 1.00 Medical diagnostics / Prediction of organ failure
- 2.00 Customer segmentation
- 3.00 Fraud detections - using anomaly detection
- 4.00 Weather forecast
- 5.00 Crop disease detection
- 6.00 Credit-risk analysis.
- 7.00 Recommendation system - songs-videos-products-friends etc.
- 8.00 Dynamic product/service pricing (airline-travel-hotel)

Notes

Text prediction while writing text / reply suggestion for mail.
Google maps - route suggestion.
Uber ride price / time estimation

Birthday / Anniversary

8.00

Self-driving cars / Autonomous cars

9.00

Networks-traffic analysis.

10.00

Sentiment Analysis - hate news detection, customer review analysis,

11.00

Chatbots / AI-voice Assistants

12.00

Language translation

1.00

Products / customer segmentation.

2.00

Computer Games

3.00

4.00