

Use-cases in AI

MACHINE LEARNING / DEEP LEARNING USE-CASES

HELLO-WORLD

1. Titanic – Machine learning from disaster
2. Dogs vs. cats
3. Digit recognizer
4. Rossmann store sales
5. Movie review sentiment analysis
6. New York city taxi fare prediction
7. Integer sequence learning
8. Traffic sign recognition
9. Dog breed classification

FINTECH

10. Home credit default risk
11. Credit card fraud detection
12. BNP Paribas cardif claim management
13. Prudential life insurance assessment
14. Mercari price suggestion challenge
15. New York city taxi fare prediction
16. Two Sigma: Use news analytics to predict stock price performance
17. House prices: Advanced regression techniques

REMOTE SENSING

18. DSTL satellite imagery feature detection
19. Planet: Understanding the Amazon from space
20. Statoil Iceberg classifier challenge
21. Airbus ship detection challenge
22. TGS salt identification
23. Forest cover type prediction
24. How much did it rain
25. Plant seedlings classification
26. LANL earthquake prediction

HEALTHCARE

27. West Nile virus detection
28. 2016 Data Science Bowl – Transforming how we diagnose heart diseases
29. 2017 Data Science Bowl – Lung cancer detection
30. 2018 Data Science Bowl – Nuclei detection in divergent cell images
31. RSNA Pneumonia detection challenge
32. Bone age estimation
33. Human protein atlas image classification
34. Diabetic retinopathy detection
35. Malaria detection
36. Genomic visualization
37. Skin lesion analyzer
38. Cervical cancer screening
39. Ultrasound nerve segmentation

PHYSICS

40. TrackML particle tracking challenge
41. Higgs Boson machine learning challenge

ABOUT INNOTOMY

Innotomy is the science of exploring existing or new innovations that seek formal approach to derive meaning.

SERVICES

Consulting
Training
Teaching

TECHNOLOGY DOMAINS

Artificial Intelligence
Data Analytics
Data Science
Machine Learning
Deep Learning