

Dartmouth
conference

SHRDLU
(Winograd 68)

5th Generation Computing
(by MITI 82~92)
Parallel Inference Machine
Expert system

Semantic Web
(Berners-Lee)

Watson
(IBM)

Knowledge Graph
(Google 12)

Rule base / Symbolic manipulation / Inference Engine

1st AI

1960

70

2nd AI

80

90

2000

3rd AI

10

20

Data Driven / Pattern Recognition / Machine Learning

Perceptron
(Rosenblatt 57)

“Linear Separable”
(Minski & Papert 68)

Back Propagation
(Rumelhart+ 86)

Real World Computing Partnership
(by MITI 92~02)

Bayesian Modeling

Support Vector Machine
(Vapnik+ 92)

Deep Learning
(Hinton+ 06)