Machine learning:

-Grew out of work in AI

-new capability for computers

Examples:

* Database mining

Large datasets from growth of automation/web

E.g., web click data, medical records, biology, engineering

- Applications cant program by hand.

E,g, Autonomous helicopter, hand writing recognition, most of Natural language processing (NLP), computer vision.

* Self –customizing programs

E.G., Amazon, Netflix product Recommendations

\_ Understanding human Learning (brain, real AI).