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Learning About Learning And Machine Learning

1. Find a relatively short definition of "learning" that you like. Write it down and indicate where you got it from.

The acquisition of knowledge or skills through experience, study, or by being taught

Oxforddictionaries.com,. 'Learning: Definition Of Learning In Oxford Dictionary (American English) (US)'. N.p., 2015. Web. 28 Jan. 2015.

2. Find a relatively short definition of "machine learning" that you like. Write it down and indicate where you got it from.

Machine learning, or supervised learning is the task of inferring a function from labelled training data.

Nayak, Richi. 'Predictive Data Mining'. 2014. Lecture.

3. Find an example of a machine learning research project. Write, in your own words, a one or two paragraph summary of the project. Also, indicate where you got it from.

Researchers in Tokyo analysed regional tweets and were able to effectively predict the location of earthquakes and the trajectory of typhoons. By using users of the twitter service as 'sensors' their predictive modelling techniques often identified natural disasters before other existing services such as seismometers.

Sakaki, Takeshi, Makoto Okazaki, and Yutaka Matsuo. 'Tweet Analysis For Real-Time Event Detection And Earthquake Reporting System Development'. IEEE Transactions on Knowledge and Data Engineering 25.4 (2013): 919-931. Web.