**Case Study 2 – Real-Time Location System Analysis**

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MSDS 7333 – Quantifying the World

**Introduction**

Business’s today often need to know where items/people/machinery at any given point in time, in a specified area. Tracking items indoors provides an interesting challenge as conventional methods for establishing location don’t work well indoors. Nolan and Lang propose an innovative solution to this problem by combining machine learning(K-Nearest Neighbors), and wifi signals in order to create an indoor map that can locate and estimate where a given object/person/thing by assessing its signal strength to various access points (wifi routers) placed throughout that area. This information proves vital to optimizing workflows for how objects move throughout a space, and how improve upon their handling for future needs.

**Data D**