

13-0543

MAY 03 2013

INFORMATION TECH. & GEN. SERVICES

MOTION

Today, there are millions of pieces of information available on-line. There are data on everything from weather to traffic patterns to the location of sidewalks and parks. The challenge is how to use the data to create new ideas, generate solutions and ultimately use that information and technology to better serve our residents.

The City of Chicago has announced that it will build the first open-source predictive analytics platform that will help leaders make smarter, faster decisions in real-time to help address and prevent problems before they develop.

While there are already apps for specific purposes, such as an app that tells a rider when their train arrives, it would be even more useful if the thousands of data points on train location and speed were coupled with current weather patterns, historical information, ridership, traffic flow and millions of other pieces of data that could impact our residents in helping them to get to where they want to go.

Additionally, if there was a platform that not only aggregated these millions of data points, but analyzed them in near real-time the City could alert residents to problems as they happen, or even better, could handle a problem before it happens.

Developing such an open-source predictive analytics platform would provide our managers and leaders with a tool that can analyze millions of lines of data in real-time to help make smarter, earlier decisions to address a wide range of our challenges. The result could be that residents will see services delivered earlier and they could see more targeted responses that will address a wide range of their needs.

A data platform could help turn thoughts into actions and could help us anticipate problems instead of merely reacting to them when they arise. The data platform could make our City a data-driven and effective government and it could change the way we operate.

I THEREFORE MOVE that the Information Technology Agency be directed to report with recommendations for establishing a predictive analytics data platform that will help leaders make smarter, faster decisions in real-time to help address and prevent problems before they develop, as further described in the text of this Motion.

PRESENTED BY


HERB J. WESSON, Jr.
Councilman, 10th District

SECONDED BY




MAY 3 2013