Las Vegas, NV – January 7, 2016

IBM CEO Ginni Rometty and Medtronic CEO Omar Ishrak took center stage during a keynote address at the 2016 Consumer Electronics Show (CES) in Las Vegas to unveil the latest advances in applying cognitive computing to diabetes management.

The two companies showed a research prototype for a first-of-its-kind cognitive app designed to analyze real-time data from Medtronic devices to help detect important patterns and trends for people with diabetes. In a pilot, IBM and Medtronic applied cognitive analytics to 600 anonymous patient cases using data from Medtronic insulin pumps and glucose monitors. The technology was able to predict hypoglycemia—low blood sugar—up to three hours in advance of onset—early enough so a person with diabetes could take action to prevent a potentially dangerous health event.

The goal is to interpret the available data and act as a personal assistant to potentially make daily diabetes management easier and more effective.

To watch the full keynote address, click here.

Learn about Medtronic Diabetes here.