



Harnessing the Power of Data to Battle COVID-19

Mercy, a regional healthcare system, was able to repurpose an analytics system that combined structured and unstructured data to create a smarter view of how COVID-19 was spreading and the effect on patients. This view gave Mercy the capacity data it needed while also gaining a better understanding of how to treat patients. The system combines technologies from Intel, SAP and others to provide a novel method to extract critical insights from clinical notes using natural language processing (NLP) and artificial intelligence (AI). This real-world evidence platform is helping Mercy and some of its neighboring health systems, in addition to drug and medical device makers, address the needs of patients and healthcare providers, and it will continue to provide value after the COVID-19 pandemic recedes.

“By having the ability to automatically extract data from the clinical notes, we were able to Flip quickly to analyzing data on our COVID-19 patients.”

**Kerry Bommarito,
Director of Data Science,
Mercy**

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