We are in the midst of a food revolution. Experts predict there will be more changes to the food industry in the next 10 years than there have been in the past two or three decades. As the cross section of emerging technology and data science continues to shape the future of the industry, humans must harness these innovations to help solve the global food safety challenges we face today.

Foodborne illness costs the U.S. between $55 to $93 billion every year.

One foodborne illness is one too many. Executing a swift intervention in the event of a recall or outbreak relies heavily on gathering, interpreting, and publicly sharing large sets of data— as quickly as possible.

Big Data – The Recipe For Safety

Nourishing Innovation Through AI

Automated Detection Systems

Predictive Modeling and Analytics

Image Recognition

Big Data – The Recipe For Safety

pen and paper

6 days, 24 hours, 6 days,

Blockchain

3K

Food delivery platforms

26 minutes

300K

levels of government conduct inspections based on different criteria, making it increasingly difficult to standardize food safety measures and enforcement.

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The Future of Food

600MM

restaurants, food trucks

48MM

dine-in restaurant visits

3K

restaurants per week on average – that's 1 in 6 directories

3K

restaurant chains

$28.4BN

alone – that's 1 in 6

Restaurants listed

$55 to $93B

illness.

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