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Advanced Analytics in Healthcare - Paul Pierotti

Video Transcript

Paul Pierotti

[MUSIC] Hello, my name is Paul Pierotti. I'm a managing director at Accenture Digital, and I'm working within healthcare analytics. I'm here to talk to you about how analytics can transform the way we deliver our health services and deliver more efficient and more effective services. So let's start with a little bit of context. It's important to think of some of the key challenges that we're seeing around the current health system. Firstly, population.

We're seeing a significant rise in our aging population, agreeing over populations as people get older. And, what you see then is that, your seeing more people with. With at least one, often many chronic diseases, and that has an implication for our health system. It's wonderful that people are living longer. At the same time we need to make sure that we adjust our services accordingly to make sure that we have an efficient and effective health care to deliver on that demand. And, that's the second point here on care delivery.

You hear this a lot of places whereas historically it was seen that the hospital was the best place to give care. Very much that's changed and the realization that the more quickly you can get involved with a patient before they become ill, before they end up in hospital is in everyone's interest. Also new technology there has allowed us to do some amazing things that we couldn't do before. And you really see the Internet of things and many of those senses and areas coming into your home as you effectively have a home diagnostics working with you 24-7 when you're in your own house.

Third, partly is economics, as I've mentioned before. The reality is for many Western economies, we can no longer afford the way we deliver our health systems. And we need to make that push from the hospitals into the community and actually push more for self care where individuals are actually taking more responsibility for their own health. So I'm gonna talk to you today about some of the ways that analytics can help deliver and address some of those challenges.