



Q – QUENCHING THIRSTS

VIDEO TRANSCRIPT

00:01 Sound of water filling the screen

00:31 There's about 3,000 of these water pumps in Southern and Northern Africa with a sensor

00:36 connected to the cloud.

00:37 The data coming from all these three thousand sensors was data that we've analyzed, a total

00:43 of 32 million data points.

00:45 From that amount of data, we were able to extract patterns and understand how people

00:50 use these water networks.

00:52 We were also able to detect anomalies, so potential failure of the pump or changes in

01:00 behavior of how people use it...and that was one of the building blocks of a predictive

01:07 maintenance application that charity: water is now looking into implementing.

01:11 So today, if a pump fails, people have to walk several miles to a neighboring village

01:17 to get clean drinking water.

01:19 We hope that with the work we've done with charity: water, we'll be able to

01:22 solve that problem.

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