

Yorkshire & Humber SDE at the heart of pioneering Smart-Health project

Overview:

A pioneering project to collect smartphone and wearable device data from up to 10,000 participants across the UK will store data in the Yorkshire & Humber Secure Data Environment.

The device data will be linked to routinely collected health records to create a comprehensive database, the first time that linked data has been used at scale in this way in the UK.



In the UK, over 90% of people use a smartphone, and approximately 40% have a wearable device which tracks information about their daily habits, activity levels, and cardiovascular health.

The Smart-Health Project combines activity and movement data with lifestyle, socio-economic factors, and official NHS health records, giving researchers a holistic, 360-degree view of a person's health.

Researchers aim to address regional health inequalities and accelerate the diagnosis and treatment of diseases.

The ultimate aim of the project is to create a research-ready database that facilitates vital studies that could improve health outcomes.

Smart-Health is led by the University of Sheffield and Sheffield Hallam University, and is supported by the EPSRC/ UKRI South Yorkshire Digital Health Hub.

Find out more

