Technologies for Digital Transformation in Marginalized Communities

Briget Munyoro, Lemias Zivanai, Ranganai Njodzi, and Tendai Shelton Muwani

Abstract

Many technologies are referenced in the case of digital transformations, but internet technologies, emerging technologies, internet of things (IoT), analytical technologies, and mobile technologies are the most relevant in this chapter. Internet technologies, a collection of internetbased communication tools, can be used in the digital transformation of marginalized populations. Internet of things help marginalized communities seek opportunities, meet new targets, and minimize threats as people can have physical objects or self-reporting devices that improve productivity and rapidly bring vital information to the surface. When all this information has been collected, there is a need to identify the patterns and trends and produce meaningful insights using the analytical tools. Mobile technologies are technologies that go where a user goes, so communication, buying and selling, and making payments are possible with mobile phones. Governments and corporates should facilitate the adoption of digital technologies to promote digital inclusion in marginalized communities.