UNDP: Data displayed in dashboard for project success

Project partners United Nations Development Programme (UNDP) South Africa, Google, Think Wifi and Opennetworks joined forces to deploy Google Workspace in 20 underprivileged SA schools in 2020.

The challenge

In evaluating the success of the project, the partners needed to know what the uptake and usage of Google products are in the sample group of schools to better understand where and what intervention to organise in achieving greater impact. The project therefore required the display of comparative data from multiple schools in one view.

The solution

A dashboard was delivered using DataStudio with the schools uptake and user statistics consolidated in BigQuery. Workflow: App Scripts draws the different schools users information from the Admin Reports API and uploads it into BigQuery daily. DataStudio draws on this data to produce a consolidated report.

The results

Project partners can choose to see data displayed from one school or any number of schools selected. They are able to see the total user number, how often Google products were used in the last 30 days and across an expanded timeline tracking the duration of the project. Data per individual Google product can also be accessed.

> " From a project coordination perspective, this contributed to the project's agility. We are able to get accurate data to plan for more relevant and appropriate intervention. We have also improved the accuracy and efficiency of our reporting process. "
>
> Evan Jacobs, Head of Mapping Solutions, UNDP South Africa

About United Nations Development Programme

UNDP in South Africa is a key partner in supporting the country's vision of greater prosperity and improved lives. Equitable access to technology is seen as an a particular enabler of socio-economic development and is therefore a key focus of multi-stakeholder partnership underpinned by the UN's Strategic Corporation Framework 2020 – 2025.

Industry: Non-Profit

Primary project location: South Africa

About Opennetworks (Pty) LTD

Opennetworks is a Google Cloud Premier Partner, Google Cloud Platform Partner and a Google Education Partner with over two decades of experience.

Products

Google Workspace