Duties and responsibilities:

Specific objectives include of Data Revolution and Big Data Unit include:

- Form productive relationships with other teams to understand their priorities and identify opportunities for new data science projects of value to them.
- Analysis of large, granular, unstructured datasets from other government departments
- Interactive visualizations to improve data dissemination
- Automation to improve the efficiency of NISR processes.
- Identify and Implement projects using a variety of different data sources and data science techniques ng skills gaps and facilitating training/mentoring to fill them
- Support the data science community across the NSS

To accomplish its mission, the Big Data and Data Revolution (BD & DR) unit is headed by a director and is organized into the following three sections and staff :

Social & Demographics Statistics Data Team (4):

Team Leader (1)
Social & Demographics Statistics (3)

Economic Statistics Data Team (4):
Team Leader (1)
Economic Statistics (3)

Infrastructure, Systems and Data Security Team (4):
Team Leader (1)
Infrastructure, Systems and Data Security Statistics (3)

Director of DR & DB unit



Mrs UWIMANA Therese

Director BD & DR unit

Mrs. Therese Uwimana is the Director of Data Revolution and Big Data at the National Institute of Statistics of Rwanda (NISR). She coordinates a department of data scientists to scope and deliver data science projects that support the institute to achieve its mandate of supporting evidence- based decision making across government. She also serves at the Programme Management Unit of the UN Regional Hub Big Data and Data Science for Africa. Her focus is establishing an enabling environment for big data systems, administrative data and use of technology to enhance frequency and efficiency of statistics' production.

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