

EXTRACTING

DATA

Emanuel Feruzi

LEARNING OUTCOMES

- ▶ **Identify** the current method of accessing open data in Tanzania
- ▶ List the **shortcomings** of the existing method of accessing the open data
- ▶ Explain a **simple structured** method of accessing the open data
- ▶ **Apply** this structure method of accessing open data

WHERE CAN ONE FIND
THE APPROVED OPEN DATA
FOR TANZANIA?

The screenshot shows the homepage of the Open Data Tanzania Government Open Data Portal. The header features the national coat of arms and the URL opendata.go.tz. A navigation bar includes links for Home, Datasets, Organizations, Groups, Visualization Gallery, Suggest, and About, along with a search bar. The main content area has a large 'Open Data Tanzania' title and a banner stating 'Government Data More Open for Use...'. Below this are four circular icons representing Education, Water, Health, and Statistics. A text box explains that the portal provides data for the general public, economists, media, academia, and public administrators, with a list of populated datasets. At the bottom, there are sections for 'Most recent datasets' and 'Related Links'.

Open Data Tanzania

Government Data More Open for Use...

Open Data provides various data for General Public, Economist, Media, Academia and Public Administrators.
Populated Datasets are Education, Water, Health and Statistics.

Education **Water** **Health** **Statistics**

Most recent datasets **Related Links**

WWW.OPENDATA.GO.TZ

HOW DOES ONE
ACTUALLY ACCESS THAT
DATA?

METHOD OF ACCESSING

- ▶ **Download**
- ▶ **API - Programmatically**

SHORTCOMINGS WITH THE CURRENT METHOD OF ACCESSING THE OPEN DATA?

SHORTCOMINGS

- ▶ Not **Memorable**
- ▶ **Hard** to Automate


WHAT IS A WEB ADDRESS?

WWW.OPENDATA.GO.TZ


LETS
ADD A BIT OF
STRUCTURE

SECTIONAL DATA


WWW.OPENDATA.GO.TZ/HEALTH.CSV


HTML

9/2014 Quarterly Update September 2014
[Details](#) [Link](#)



HTML

6/2014 Quarterly Update June 2014
[Details](#) [Link](#)



HTML

3/2014 Quarterly Update March 2014
[Details](#) [Link](#)


2013 [View Less](#) ^


HTML


12/2013 Quarterly Update December 2013
[Details](#) [Link](#)


HTML

9/2013 Quarterly Update September 2013
[Details](#) [Link](#)


HTML

6/2013 Quarterly Update June 2013
[Details](#) [Link](#)


HTML

3/2013 Quarterly Update March 2013
[Details](#) [Link](#)

2012 [View More](#) v

2011 [View More](#) v

2010 [View More](#) v

2009 [View More](#) v

2008 [View More](#) v

ADDITIONAL INFORMATION

SECTIONAL DATA

WWW.OPENDATA.GO.TZ/HEALTH/<REGION>

SECTIONAL DATA

WWW.OPENDATA.GO.TZ/HEALTH/<REGION>/
<DATE>

WHAT COULD BE
SOME ADVANTAGES
OF THIS METHOD?

ADVANTAGES

- ▶ **Memorable**
- ▶ **Possibilities of Automation**

THANK YOU.