D1 : Data Professionals

Adetoun Oyelude – Data Professionals' training challenges in dynamic work environments

University of Ibadan

How do we train ourselves to get ahead?

Interviewed 10 data professionals } different positions

< self training prominent >

Interviewed results from 10 professionals in Nigeria ⇒

CHALLENGES

- funding for training $
- infrastructure
- bosses not understanding need for training
- understanding technicalities
- knowing of training opportunities
- lobbying for time/space for training
- synchronizing time for training online

SOLUTIONS

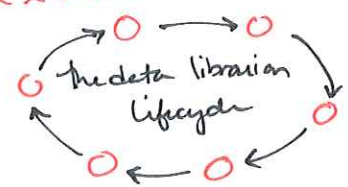
+ sponsorship
+ social media
+ showcase results
+ reading grey lit
+ learn lobbying
+ grant skills
+ work around obstacles
+ politicize issues
+ sacrifice

WHAT MORE?

- support from above
- professional org support
- trainers should train others
- share via social media
- institutional mentoring
- invest in ourselves

use constructive arrogance

Michelle Edwards [CISER]

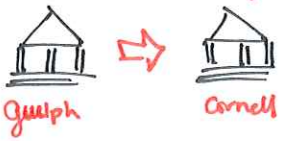


~~Stolen~~ Borrowed from Research Data Lifecycle

THE CYCLE: Concept (new source) · Collection (community info) · Processing (needs assessment) · Archiving (write it down) · Distribution (house & location) · Discovery (marketing) · Analysis

Respond to Change ⇒ repurpose

M. Edwards thinking about this w/ respect to recent job move



- meet w/ local librarians
- learn what's been done
- create new information/processes
- raise awareness & establish homes
- integrate into community, campus & library
- is it working?

Line Pouchard • PURDUE

Comparing policies for open data from publicly ~~available~~ accessible international sources

Had to negotiate agreements b/t provider & Purdue

Concerned about data reuse and access

⇒ CAM² project >60,000 webcam streams

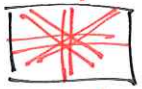
keep data on Amazon servers b/c it's BIG

(don't store stream, just data analysis)

EXAMINE OTHER COUNTRY'S POLICIES (data protection directive)

often PRIVACY contradicts REUSE

UK has most cameras (estimates that you'll be photographed ~500x/day) in London



US has patchwork of regulations

(different for personal & industry)

click-thru consent

} regulations written b/fore arrival of BIG DATA

→ policies not suited to BIG DATA

BIG DATA ⇔ Policy

< VARIETY OF POLICY PROVISIONS >

Book: Policy, Big Data, and Public Good