

# DATA INNOVATION LAB Augmented data for improved decision outcomes





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#### The monitoring needs!





# And decision making necessities...



- Better understand the world in which we live and the causalities...
- Better decisions with immediate impact.... must be driven by data that is:
  - o Reliable
  - $\circ$  Real time
  - o Granular
  - $\circ$  Forward looking
  - $\circ$  Integrated













#### **Augmented system**











## How to proceed...



#### • Within the Bank:

- Build capacities, start with basics, learning by doing, start small, capitalise on the existing...
- Build partnerships for knowledge transfer with NSIs, academia, NGOs and the private sector
- Demystify practical trainings for subject matter specialists to help them gain efficiency
- Embed algorithms into business processes, not only provide insights, through demand driven thematic voluntary working groups
- Produce official statistics : coverage, representativity, accuracy etc.



- With countries (for now):
  - Advocate for appropriate legal framework, digital protection and personal data/privacy (i.e. through NSDSs and beyond)
  - Trainings using practical examples to localize and test (i.e. UN Global Platform etc) – community centric approach!
  - Advocate at the highest level to build trust and momentum around Big Data to stimulate investment
  - Open up to youth and local start-ups to attract new talents into statistics and find solutions

### Learning by doing...some examples





#### **Examples: The fact finder**



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New research for this Outlook shows that five trade policy actions could bring Africa's total gains to 4.5 percent of its GDP, or \$134 billion a year. First is eliminating all of today's applied bilateral tariffs in Africa. Second is keeping rules of origin simple, flexible, and transparent. Third is removing all nontariff barriers on goods and services trade on a most-favored-nation basis. Fourth is implementing the World Trade Organization's Trade Facilitation Agreement to reduce the time it takes to cross borders and the transaction costs tied to nontariff measures. Fifth is negotiating with other developing countries to reduce by half their tariffs and nontariff barriers on a mostfavored-nation basis.



		goods and services trade		as % of Global Trade of Goo n 2011	ods Albb		
rade policy actions could		Africa - Trade - Goods goods and services trade	1	131,15B current US\$ n 2013	AfDB		
DP, or \$134 bill riffs in Africa. S nsparent. Thiro on a most-favo ization's Trade borders and	lion a year. First Second is 1 is removing all red-nation basis. Facilitation	Total trade with Af	rica, Goods (Curren	t USD;IMF DOTS)			
ating with c	Save as			×			
	Trade- Goo	rade- Goods			94 1996 1998 2000 2002 2004 2006 2008 2010 2013 conomic Database, 1960-2019		
L			Cancel SAV	E With Africa, Goods USD_IMF DOTS)	Value of Imports from Africa, Goods (Current USD; IMF DOTS)	Uslue of Exports to Africa, Goods (Current USD; IMF DOTS)	
	_	cuten 055	concili o da	31.15B current US\$	67.86B current US\$	63.29B current USS	
		Price deflator for exports of goods	Price deflator for exports of goods & services	Price deflator for imports of goods	Price deflator for imports of goods & services	Imports of Goods and Services (As % of GDP) 31.07	
		105.36	Source: AF	DB Socio Economic Database	, 1960-2019	% of GDP	

#### AfDB Facts Editor

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- New
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   Open
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### Examples: How long is a mile?









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#### Innovation Lab

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# Thank you

