

Big & Administrative Data

GRANT CAMERON, WORLD BANK GROUP

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Why should we be interested?

- More data being generated and exists elsewhere
- Manage costs, improve timeliness, & create new products
- Minimize respondent burden & create process innovations

Key definitions

Big Data

- large volumes of high velocity, complex & variable data

Administrative Data

- collections of data held by other parts of governments

How are these data categorized?

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Source

Big Data

Admin Data

Social Networks



Government systems



Traditional Business systems



Internet of Things



Challenges are similar.....

Source

Big Data

Admin Data

Legislative



Financial



Management



Methodology



Technology

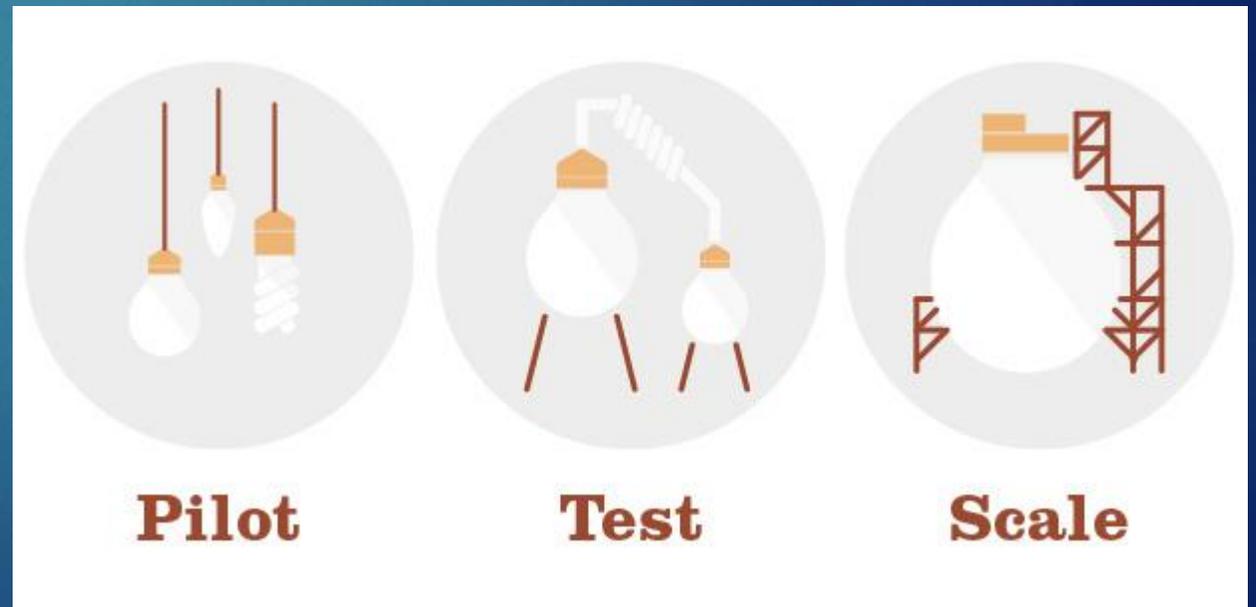


... But implementation differs

BIG DATA - Start small,
learn by doing, requires
new collaborations

Still finding our
way

Start with policy
issue



Admin data

- Lots of implementation experience
- Implementation requires:
 - Effective planning and management
 - Good knowledge of data sources
 - Creative thinking
 - Willingness to exchange experience / learn from others

Conclusion

Need to incorporate Big & Admin Data into statistical production

Big data -> form partnerships to address issues

Admin data -> prioritized incorporation of admin sources based on user demands