Supporting Open Source Adoption with the HLG-MOS

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Delivering insight through data for a better Canada
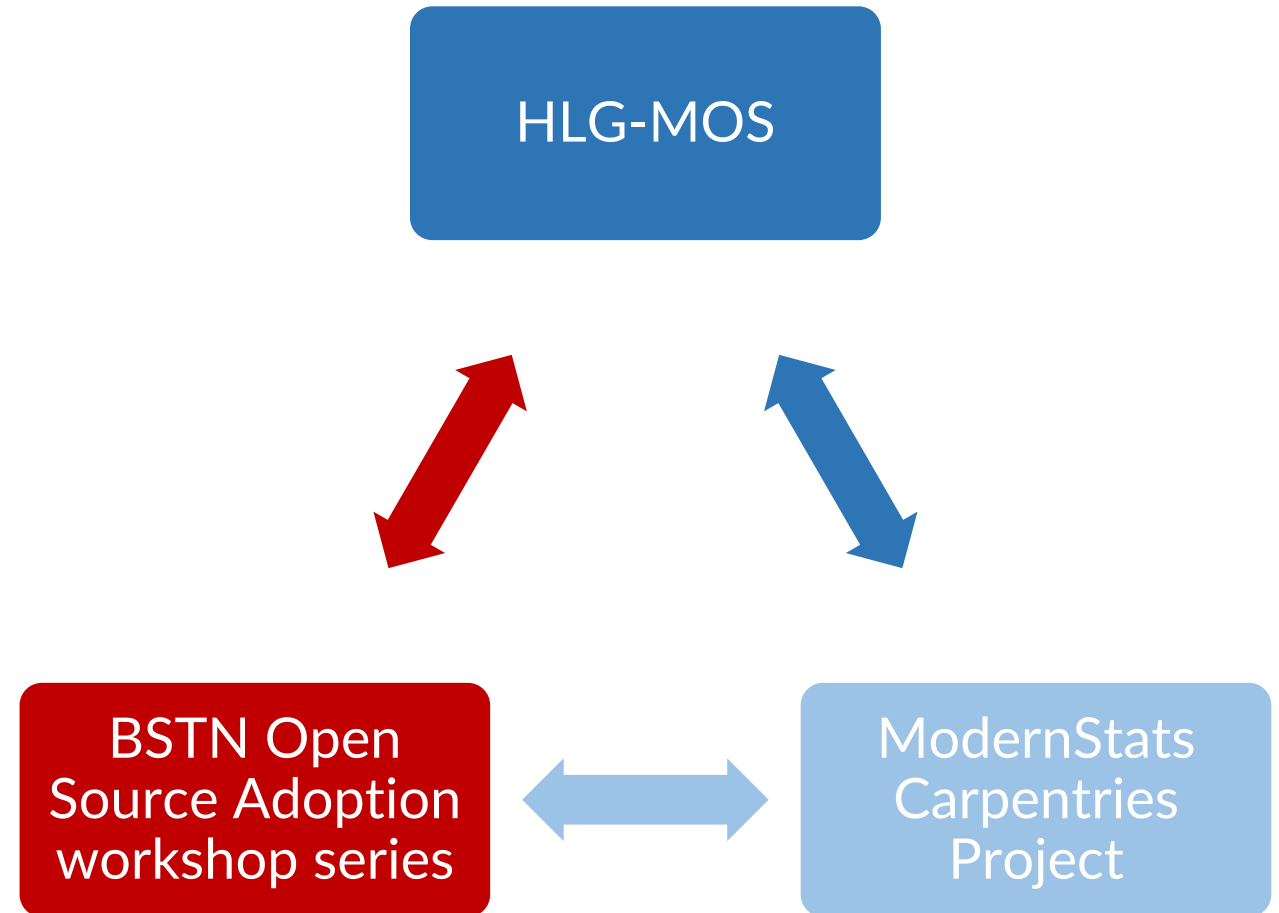
Purpose of this presentation

1. We are not alone in our journeys to adopt Open Source

2. Work has been conducted under the HLG-MOS to combine efforts, knowledge and lessons learned to help our individual and collective efforts to adopt Open Source

3. How can we leverage our network to collectively improve how we approach Open Source Adoption within our statistical organizations?

HLG-MOS

BSTN Open Source Adoption workshop series

ModernStats Carpentries Project

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BSTN Open Source Adoption Activity

- The BSTN Open Source Adoption Activity is a knowledge sharing workshop series with middle managers from 10 NSOs to discuss a range of topics from strategic to practical

Who are these national statistical offices?

- CSO Ireland
- INSEE
- Eurostat
- Statistics Netherlands
- Statistics Sweden
- US Census Bureau
- US Bureau of Labour Statistics
- Statistics Albania
- ISTAT
- Statistics Canada

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Activity roll-out

Why has your organization adopted or is interested in adopting open source?

- Cost reduction
- Avoid vendor lock-in
- New employees have knowledge of R and Python - lower barrier for new employees to work within our agencies
- Promote collaboration with partners
- Adopt data science and be more in line with the industry
- more support in the industry/Google than SAS

Topics being discussed

- Getting started with the adoption journey
- Governance
- Security
- Infrastructure
- Change management
- Upskilling
- Licensing/ownership
- Future proofing ourselves

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Lesson Learned so Far

New cybersecurity concerns

Reducing costs

Diversifying from proprietary software

We are all facing the same cultural, organizational and technical struggles

Top down incentives

Culture around decentralized programming

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ModernStats Carpentries Project

- This project is a partnership between the HLG-MOS and the Carpentries organization to build high quality open training assets for topics on the modernization of statistics

- The Carpentries brings a methodology to co-create quality training, a forum and training for instructors and a methodology to evolve with the industry

- The pilot project is developing training in R, Python and Git with a vision to be a new standard for training within the HLG-MOS network

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How can we leverage our network to collectively improve how we approach Open Source Adoption within our statistical organizations?

Potential outputs of the BSTN workshop series

- Standards and guidelines for open source programming

- Recommended packages for official statistics

- Recommended security software and procedures

What can you get out of ModernStats Carpentries?

- Get support to create training that you already need to create

- Create training with a high quality pedological framework

- Your teams will get first access to pilot course offerings

Thank you

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