UN Global Platform
Mark Craddock

#UNGlobalPlatform
@mcraddock
@UNBigData

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Live Services

◎ Trusted Methods Library/Service
  ◦ https://methods.officialstatistics.org

◎ Earth Observation Service
  ◦ https://eo.officialstatistics.org

◎ Location Analytics Service
  ◦ https://location.officialstatistics.org

◎ Marketplace
Live Services

◎ Jupyter Service
  ◦ https://jupyter.officialstatistics.org

◎ Operations Service
  ◦ https://operations.officialstatistics.org

◎ Helpdesk Service
  ◦ support@officialstatistics.zendesk.com
AI/ML Ready
AI/ML Ready

◎ Earth Observation Service (Joe)
  ◦ Train Machine Learning Models
  ◦ Analyse Satellite Imagery
◎ Methods Service (Joe/Joni)
  ◦ Deploy and manage machine learning models
  ◦ API enable machine learning models
Online Community
Online Community

◎ Collaboration
◎ 200+ people in 14 timezones
◎ 4,000+ messages over last 30 days
◎ Algorithms, Data, Services, Methods, AIS, ADS-B, Cloud Vendors, Privacy Task Team, Task Teams

Global Billing
Global Billing

- Consolidate Billing Globally
  - Alibaba, Amazon, Azure, Microsoft
- Leverage Discounts
- Manage Credits
- Allocate Budgets
  - Per Task Team
  - Per Partner
  - Per Program
Technology Strategy Handbook

◎ Mapping the Landscape
  ◦ Cloud
  ◦ Machine Learning
  ◦ Big Data
  ◦ Serverless
  ◦ IoT
  ◦ Privacy Preserving Techniques
  ◦ Intelligent Sourcing
Cryptographic Techniques

◎ Multi-party Computation
◎ Fully Homomorphic Encryption
◎ Zero Knowledge Proofs
◎ Trusted Execution Environments
◎ Differential Privacy

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Cryptographic Techniques

◎ UN Privacy Preserving Techniques Handbook

◎ Proof of Concepts for 62nd ISI World Statistics Congress
  - Health
  - Trade
  - Synthetic Data

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How Can You Get Involved?
How Can You Get Involved?

◎ Task Teams
◎ Administration Tasks
◎ Technical Specialists
◎ Consultancy Group
◎ Cloud Specialist Group
◎ Machine Learning Models
◎ Covered by an MOU
UN Global Platform

Faster. Quality. Statistics

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Thanks!

Any questions?

You can find me at @mcraddock & contactus@officialstatistics.org
Additional Information
Booth

- Mon, During Breaks - (Gavin, Joe)
- Tue, During Breaks - (Gavin, Joe)
- Wed, During Breaks - (Gavin, Joe)
- Thur, During Breaks - (Gavin, Joe)
- Fri, During Breaks - (Gavin, Joe)
Future Events

◎ 62nd ISI World Statistics Congress