Data Protection and Security
ESWC Panel

Maria-Esther Vidal
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DATA OPENNESS
CITIZEN COLLABORATION
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Openness VERSUS Privacy
Open Data

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Transparency

Avoid Corruption
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Transparency

Electoral Data, Tax Revenue, and Public Security

Safety

Avoid Corruption
DO YOU KNOW WHO'S WATCHING YOU?
YOUR LACK OF PRIVACY ON THE INTERNET...
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HIPAA Compliance Assistance

[OCR Logo]
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Electoral Data, Tax Revenue, Sensitive Data

HIPAA Compliance Assistance
Application of de-anonymization methodologies to Open Data to determine political preferences and other potentially sensitive information, e.g., Narayanan et al.
Collaborative Systems

VERSUS

Security and Trust
Trust Models to verify Authenticity and Integrity
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Trust Models to verify Authenticity and Integrity Signing Frameworks
Challenges for the Semantic Web
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Modeling and Processing Sensitive Data: **citizens data**, e.g., photos, videos, geo locations, political preferences.
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- Participation Consent.
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Balance between confidentiality, integrity, and availability of sensitive data needs to be ensured (e.g., Oliver et al.).