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| Titolo | Privacy in Statistical Databases [[electronic resource] ] : UNESCO Chair in Data Privacy, International Conference, PSD 2014, Ibiza, Spain, September 17-19, 2014. Proceedings / / edited by Josep Domingo-Ferrer |
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| Edizione | [1st ed. 2014.] |
| Descrizione fisica | 1 online resource (XII, 367 p. 68 illus.) |
| Collana | Information Systems and Applications, incl. Internet/Web, and HCI ; ; 8744 |
| Disciplina | 005.8 |
| Soggetti | Application software<br>Database management<br>Computer security<br>Data encryption (Computer science)<br>Computers and civilization<br>Computer Appl. in Administrative Data Processing<br>Database Management<br>Systems and Data Security<br>Cryptology<br>Computers and Society |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes index. |
| Nota di contenuto | Tabular Data Protection -- Enabling Statistical Analysis of Suppressed Tabular Data -- Assessing the Information Loss of Controlled Adjustment Methods in Two-Way Tables -- Further Developments with Perturbation Techniques to Protect Tabular Data -- Comparison of Different Sensitivity Rules for Tabular Data and Presenting a New Rule – The Interval Rule -- Pre-tabular Perturbation with Controlled Tabular Adjustment: Some Considerations -- Measuring Disclosure Risk with Entropy in Population Based Frequency Tables -- A CTA Model Based on the Huber Function -- Microdata Masking Density Approximant Based on Noise Multiplied Data -- Reverse Mapping to Preserve the |

Marginal Distributions of Attributes in Masked Microdata -- JPEG-Based Microdata Protection -- Protection Using Privacy Models -- Improving the Utility of Differential Privacy via Univariate Microaggregation -- Differentially Private Exponential Random Graphs -- km-Anonymity for Continuous Data Using Dynamic Hierarchies -- Differentially-Private Logistic Regression for Detecting Multiple-SNP Association in GWAS Databases -- Synthetic Data -- Disclosure Risk Evaluation for Fully Synthetic Categorical Data -- v-Dispersed Synthetic Data Based on a Mixture Model with Constraints -- Nonparametric Generation of Synthetic Data for Small Geographic Areas -- Using Partially Synthetic Data to Replace Suppression in the Business Dynamics Statistics: Early Results -- Synthetic Longitudinal Business Databases for International Comparisons -- Record Linkage -- A Comparison of Blocking Methods for Record Linkage -- Probabilistic Record Linkage for Disclosure Risk Assessment -- Hierarchical Linkage Clustering with Distributions of Distances for Large-Scale Record Linkage -- Remote Access -- Comparison of Two Remote Access Systems Recently Developed and Implemented in Australia -- Privacy-Preserving Protocols -- Towards Secure and Practical Location Privacy through Private Equality Testing -- Case Studies -- Controlled Shuffling, Statistical Confidentiality and Microdata Utility: A Successful Experiment with a 10% Household Sample of the 2011 Population Census of Ireland for the IPUMS-International Database -- Balancing Confidentiality and Usability: Protecting Sensitive Data in the Case of Inward Foreign AffiliaTes Statistics (FATS) -- Applicability of Confidentiality Methods to Personal and Business Data.

Sommario/riassunto

This book constitutes the refereed proceedings of the International Conference on Privacy in Statistical Databases, PSD 2014, held in Ibiza, Spain in September 2014 under the sponsorship of the UNESCO chair in Data Privacy. The 27 revised full papers presented were carefully reviewed and selected from 41 submissions. The scope of the conference is on following topics: tabular data protection, microdata masking, protection using privacy models, synthetic data, record linkage, remote access, privacy-preserving protocols, and case studies.

2. Record Nr. UNINA9910828065603321

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| Autore | Delgrossi Luca |
| Titolo | Vehicle safety communications : protocols, security, and privacy / / Luca Delgrossi, Tao Zhang |
| Pubbl/distr/stampa | Hoboken, : Wiley, 2012 |
| ISBN | 9786613911438<br>9781118452196<br>1118452194<br>9781283598989<br>1283598981<br>9781118452189<br>1118452186<br>9781118452219<br>1118452216 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (400 p.) |
| Collana | Wiley series on information and communication technology |
| Classificazione | TEC009020 |
| Altri autori (Persone) | ZhangTao <1962-> |
| Disciplina | 629.2/76 |
| Soggetti | Vehicular ad hoc networks (Computer networks) - Safety measures<br>Automobiles - Safety appliances<br>Automobiles - Collision avoidance systems |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | -- Foreword xv / Ralf G. Herrtwich -- Foreword xvii / Flavio Bonomi -- Foreword xix / Adam Drobot -- Preface xxi -- Acknowledgments xxv -- 1 Traffic Safety 1 -- 1.1 Traffic Safety Facts 1 -- 1.1.1 Fatalities 2 -- 1.1.2 Leading Causes of Crashes 3 -- 1.1.3 Current Trends 5 -- 1.2 European Union 5 -- 1.3 Japan 7 -- 1.4 Developing Countries 7 -- References 8 -- 2 Automotive Safety Evolution 10 -- 2.1 Passive Safety 10 -- 2.1.1 Safety Cage and the Birth of Passive Safety 10 -- 2.1.2 Seat Belts 11 -- 2.1.3 Air Bags 11 -- 2.2 Active Safety 12 -- 2.2.1 Antilock Braking System 12 -- 2.2.2 Electronic Stability Control 13 -- 2.2.3 Brake Assist 13 -- 2.3 Advanced Driver Assistance Systems 14 -- 2.3.1 Adaptive Cruise Control 15 -- 2.3.2 Blind Spot Assist 16 -- 2.3.3 Attention Assist 16 -- 2.3.4 Precrash Systems 16 -- 2.4 Cooperative |

Sommario/riassunto

"Owing to their safety applications, cooperative vehicle systems, which use sensors and wireless technologies to reduce traffic accidents, continue to be the focus of heavy research and development efforts around the world. Written by industry professionals, this book provides a systematic description of cooperative vehicle systems, discussing key technical issues in such systems, the latest advances in enabling technologies, and cutting-edge research trends. Coverage includes important technologies such as 5.9 GHz Dedicated Short Range Communications (DSRC), on-board equipment (OBE), and roadside equipment (RSE)"--
"Provides an up-to-date, in-depth look at current crucial issues in the research community, automotive industry, and government agencies around the world"--