A Novel Approach for Comparing Third Party Web Analytical Tools for General Data Protection Regulation Policy

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Abstract

This study seeks to explore the potentials and limitations of using various Analytical approaches and tools like google analytics, statcounter and web log files to analyze the behavior of online users in the context of content based websites and how European Union user consent policy has affected this data collection. Using these analytical tools this study will focus on type and amount of data gathered by these tools. The findings are expected to demonstrate useful features of Google Analytics, log files and other visualization tools and extend our understanding of online users. This study will also focus on the design and development of online educational resources and websites for collegiate contexts.

References

1. Viktor Artemenko 2013 WebAnalytics in e-Learning: Agent Based and Neural Network Approach Lviv Academy of Commerce, 10 Tugan-Baranovskogo street, 79005, Ukraine
2. Himani Singal, Shruti Kohli, 2014 Conceptual model for obfuscated TRUST induced from
web analytics data for content-driven websites. Birla Institute of Technology, Mesra
5. Raphaël Gellert 2018 Understanding the notion of risk in the General Data Protection Regulation Tilburg University
7. General Data Protection Regulation https://gdpr-info.eu/ Access date 15 December 2018
9. Web Analytics made easy https://statcounter.com/ Access date 15 December 2018
10. Sanda-Maria Dragos, 2011 Why google analytics can not be used for educational web content “Babes-Bolyai” University
11. Google Analytics https://analytics.google.com/analytics/web/provision/#/provision Access date 20 December 2018
12. Chaitra L Mugali, Ayesha Azeema Maniyar, Padma Dandannavar 2015 Pre-Processing and Analysis of Web Server Logs KLS Gogte Institute of Technology

Index Terms

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Keywords

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