

Association of Social Data as a Tool to Support Government Decision Making

Authors : Diego Rodrigues, Marcelo Lisboa, Elismar Batista, Marcos Dias

Abstract : Based on data on child labor, this work arises questions about how to understand and locate the factors that make up the child labor rates, and which properties are important to analyze these cases. Using data mining techniques to discover valid patterns on Brazilian social databases were evaluated data of child labor in the State of Tocantins (located north of Brazil with a territory of 277000 km² and comprises 139 counties). This work aims to detect factors that are deterministic for the practice of child labor and their relationships with financial indicators, educational, regional and social, generating information that is not explicit in the government database, thus enabling better monitoring and updating policies for this purpose.

Keywords : social data, government decision making, association of social data, data mining

Conference Title : ICEGIT 2017 : International Conference on e-Governance and Information Technology

Conference Location : Paris, France

Conference Dates : May 18-19, 2017