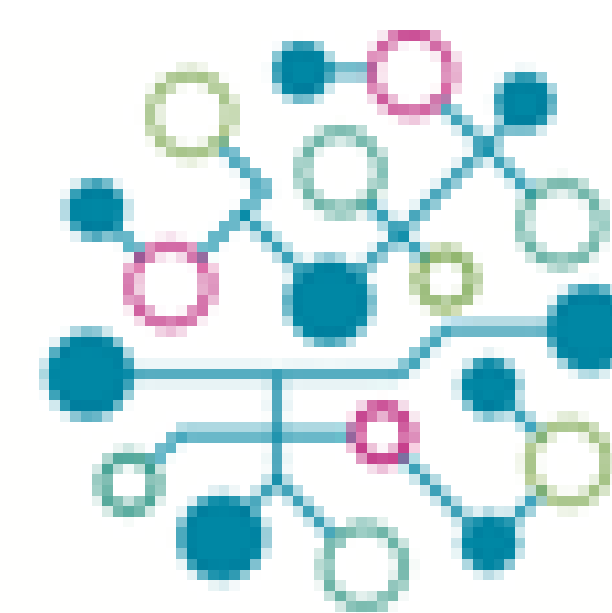




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EGOV-CeDEM-ePart

Discussing the twofold role of Government - provider and user - in the Open Government Data Ecosystem

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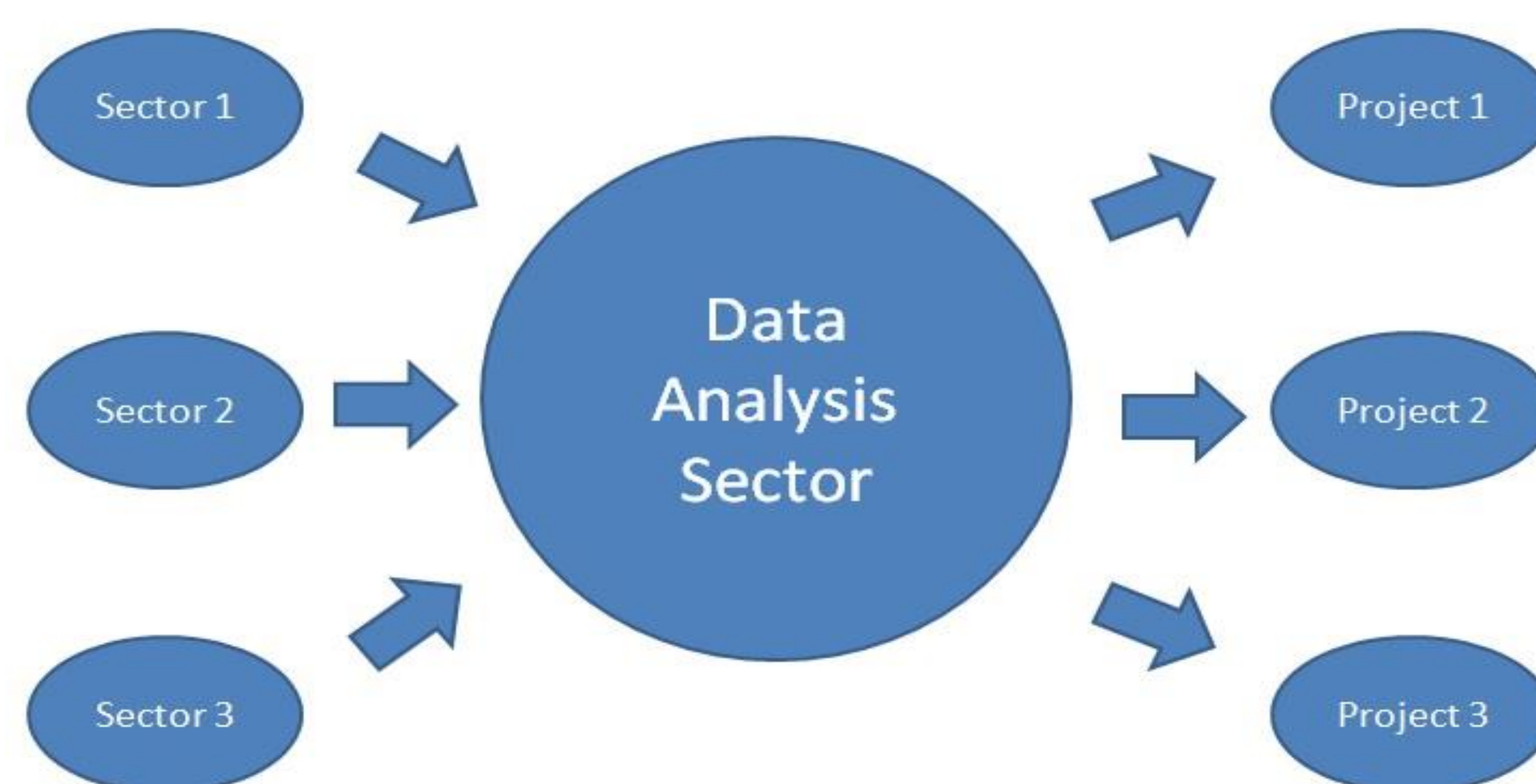
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Introduction

Open Government Data (OGD) ecosystem enables the use of data to a broad range of potential users, which includes the government and all stakeholders (Ding et al., 2011). Policy makers, specialists, independent developers, service providers, academics, private organizations, as well as citizens have a potential interest in OGD (Erickson et al., 2013). The motivations to the use of open government data have been attracting less attention than those of providing them. This phenomenon becomes more pronounced when approaching the use of OGD by the government and public organizations, even if the audience of OGD includes government employees (Smith & Sandberg, 2018; Davies, 2010).

However, the use of OGD by the public sector is not enough discussed in the literature. OGD are open to both public and private sectors (Jetzek, Avital & Bjorn-Andersen, 2014). Consequently, it makes sense that public organizations also use OGD (from other OGD public providers) in decision-making and innovation, as well as that the literature covers this topic. Considering the discussed aspects, this research-in-progress aims to discuss the role of government in the open government data ecosystem (provider or user).

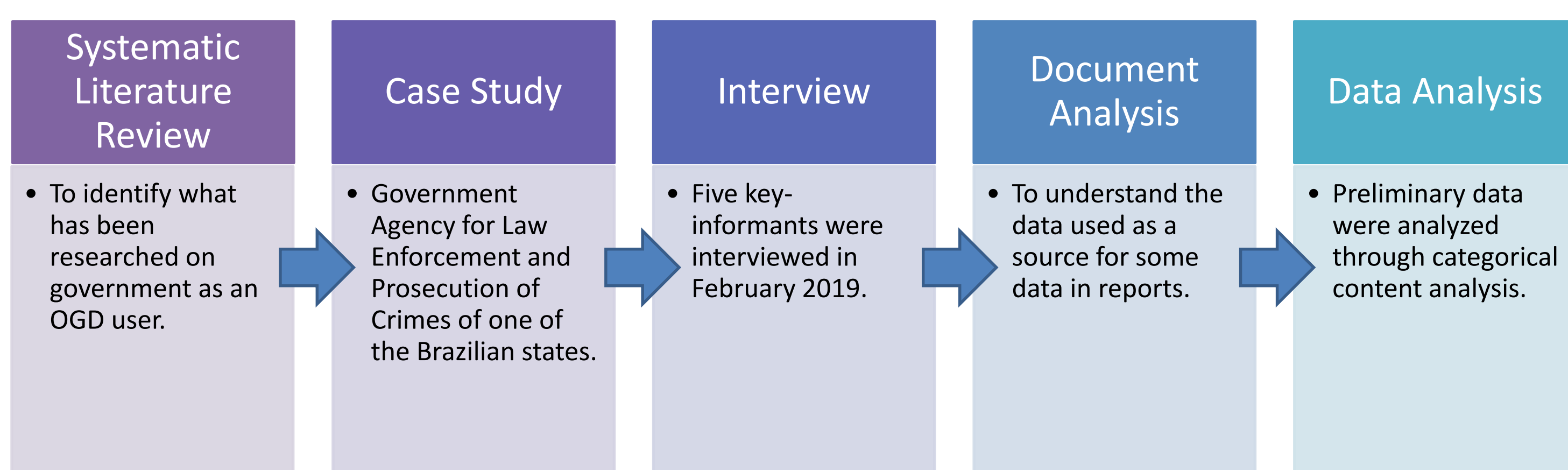
The initiative to use the data identified by public employees (bottom-up) in a data analysis sector corroborates the intent (Figure 2).



It was noted the need for more people within the organization to have at least the basics theoretical and practical knowledge of the use of open data. This finding was based on two different circumstances:

- The movement on private sector in investing significantly in data analysis and data science of internal or open data, aiming the generating economic value;
- The Agency did not always have sufficient internal data to decide what prosecution processes should be opened, or even data supporting the operations during a prosecution.

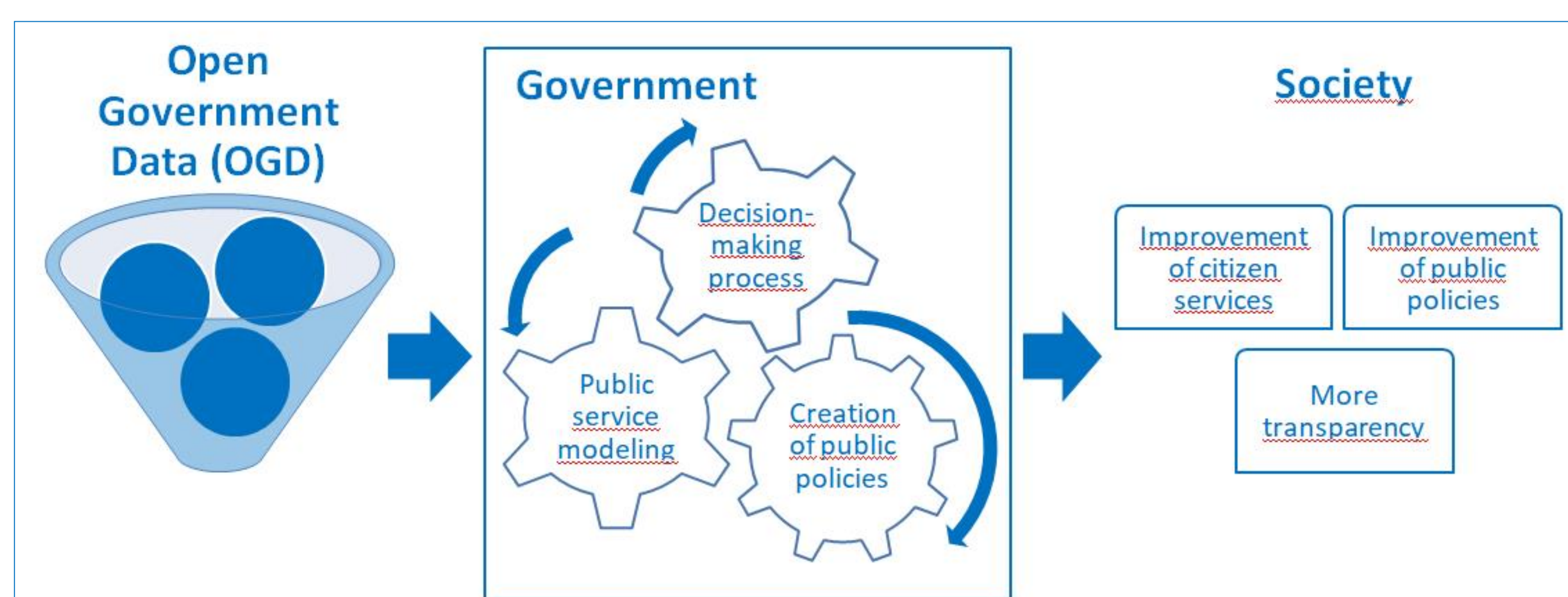
Methodology



Results

An in-progress case study is reported, illustrating the use of OGD by a governmental agency in Brazil (justice prosecutor). Key-informants were interviewed in February of 2019 to preliminarily understand how that governmental agency uses the data.

The preliminary result of the case study identifies that the motivation to use the OGD was to fundamentally improve public management and contribute to solving social problems. (Figure 1).



Final remarks

- This research demonstrates the role of government in the literature about the open government data ecosystem as a provider, and rarely has the literature analyzed government as a user of OGD;
- The literature recognizes the possibility of government as a user of OGD, but nevertheless most empirical investigations do not study the role of government as a user of OGD;
- The main suggestion for further studies is to broad the view about the use of OGD, contemplating public organizations.
- This research demonstrates the use of OGD without specific training, a bottom-up initiative to use OGD, and the existence of data analysis sector.

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