

BUSINESS REQUIREMENT SPECIFICATION (BRS) FOR BIG DATA ANALYTICS PROJECTS: PUBLIC SECTOR CASE STUDY



Introduction

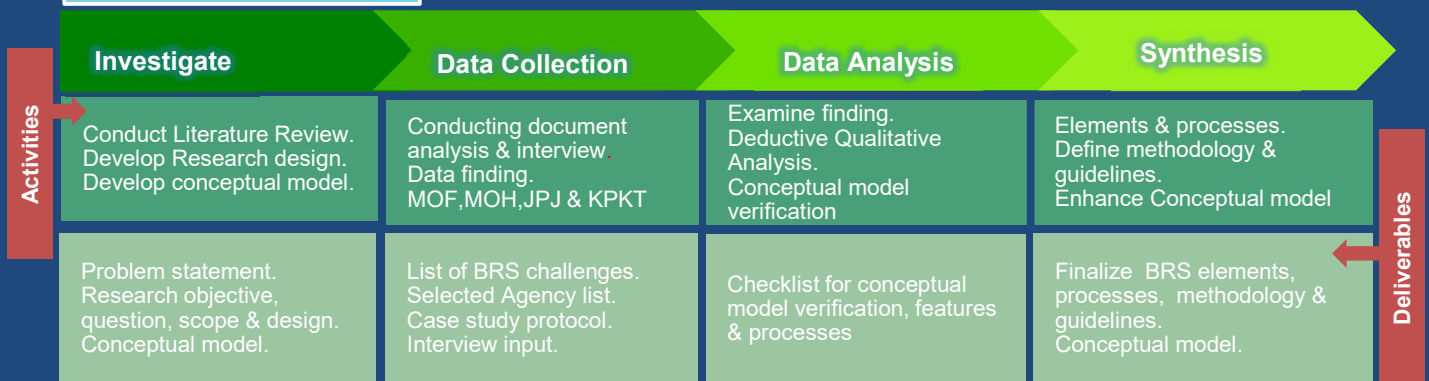
Business Requirement Specification (BRS) alignment between technology and business is critical in Big Data and Analytics (BDA) projects. A good alignment requires a clear BRS. **Concerning the BDA project, there is lack guidelines to develop a comprehensive BRS.** Hence, this study seeks to identify the suitable BRS process for BDA projects from public sector perspectives.



Findings: BRS Issues and Challenges

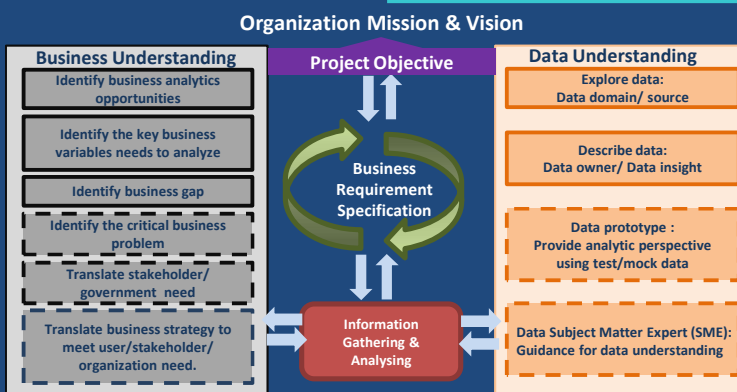
- Not well aware of Business Understanding process as a critical point for discovering detailed business requirements.
- BRS are not well define, vague, less specification and change rapidly due to different user requirements.
- Unsettled BRS due to data complexity, technical issues of data preparation, integration and lack of data standardization.
- The importance of alignment between business requirement and data understanding process to get more practical BRS analytics insights.

Research Methodology



Conceptual Model

Conceptual Model show the flow, process and elements to Develop BRS.



Expectations

- Have a concise and focused impact on the BRS management for BDA project.
- The suitable features and processes identified and become a strong foundation in defining methodology and guidelines of BRS for BDA Project.
- BRS will help in aligning the business and technical people especially in the early stages of overall BDA methodology.
- The clear and consistent requirements at the beginning of the BDA project will help to give a smooth kick-off for the success for the overall BDA project.



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