

Evaluating Data Maturity in Riyadh's Nonprofit Sector: Insights Using the National Data Maturity Index (NDI)

Authors : Maryam Aloshan, Imam Mohammad Ibn Saud, Ahmad Khudair

Abstract : This study assesses the data governance maturity of nonprofit organizations in Riyadh, Saudi Arabia, using the National Data Maturity Index (NDI) framework developed by the Saudi Data and Artificial Intelligence Authority (SDAIA). Employing a survey designed around the NDI model, data maturity levels were evaluated across 14 dimensions using a 5-point Likert scale. The results reveal a spectrum of maturity levels among the organizations surveyed: while some medium-sized associations reached the 'Defined' stage, others, including large associations, fell within the 'Absence of Capabilities' or 'Building' phases, with no organizations achieving the advanced 'Established' or 'Pioneering' levels. This variation suggests an emerging recognition of data governance but underscores the need for targeted interventions to bridge the maturity gap. The findings point to a significant opportunity to elevate data governance capabilities in Saudi nonprofits through customized capacity-building initiatives, including training, mentorship, and best practice sharing. This study contributes valuable insights into the digital transformation journey of the Saudi nonprofit sector, aligning with national goals for data-driven governance and organizational efficiency.

Keywords : nonprofit organizations-national data maturity index (NDI), Saudi Arabia- SDAIA, data governance, data maturity

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