

Social Entrepreneur Using Business Metrics: Migport Refugee Big Data Analytics - With a Note on Ability and Disability

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Abstract

LiBerated Social Entrepreneurship in Developing and Emerging Countries consists of a social entrepreneur using business metrics, to sustain social impact. We study differences between developing and developed countries, introducing a new OR approach to development. Commercial entrepreneurs are generally oriented to business metrics like profit, revenues and return. Instead, social entrepreneurs are non-profits or a blend with for-profit goals, generating Return to Society. In DCs, a social entrepreneurship has been uncommon. We introduce a mid-way as LiBerated Social Entrepreneur, where social businesses should be sustainable. We apply Game theory and Max-Flow - Min-Cut Theories, Schumpeter's creative destruction and Adam Smith's diversification model for our business plan. As a result, Migport started as a mobile app as a meeting point between locals and refugees. Identifying the problems of refugees by giving them a chance to talk about themselves and ensure social integration with given solutions based on database of 100 thousand people. Accuracy of data is estimated through clicks and engagement of posts. One claimed to be economist, inflation is asked next.

Multivariate Adaptive Regression Splines (MARS), Conic MARS (CMARS) and its robust version RCMARS have shown their potential for Big-Data and, recently, Small-Data. With that toolbox, we aim to further support our project. We also use Migport, Facebook, Google and Twitter analytics to forecast time series.

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