



وادي تسمو الرقمي
TASMU DIGITAL VALLEY

BIG DATA ANALYTICS IN LOGISTICS

Big data analytics provides insights that helps governments and businesses enhance their operational efficiency, decision making and promote economic growth

OPPORTUNITY DEFINITION | BIG DATA ANALYTICS | INSIGHTFUL CUSTOMS RATING

Provides customs authorities with intelligent rating algorithms to enable insightful and selective screening of inbound shipments. It leverages analytical algorithms based on historical data of ships and vehicles to provide a risk assessment, and potentially align the required effort to screen and search inbound shipments accordingly.

TARGET MARKET

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The total number of cargo handled at Qatar Port in 2018 was **1.4 million tons**.

Target Users

- › Government officials
- › Customs



KEY PROBLEM STATEMENT | NEED

Customs processes often present operational bottlenecks at the ports of entry given all incoming shipments that are subject to screening.



This inevitably leads to increased costs, process redundancies and delays across the value chain.



PROCUREMENT CYCLE

Post Tendering Stage

The opportunity is in post tendering stage.



TIMESPAN



Total duration of 2-3 years including implementation and testing



ADJACENT OPPORTUNITIES

- › Global Supply Chain Tracker
- › Supply Chain Control Center

STAKEHOLDERS

- › General Authority of Customs
- › Ministry of Transport & Communications (MOTC)
- › Hamad Port



OWNER AND SECTOR

Owner General Authority of Customs

Sector Logistics



BUDGET ACROSS BIG DATA ANALYTICS ECOSYSTEM

The Qatar market for big data analytics is projected to reach **USD\$108 million** by 2022, at a compound annual growth rate (CAGR) of 20% from 2019 to 2022.

