



وادي تسمو الرقمي
TASMU DIGITAL VALLEY

BIG DATA ANALYTICS IN AGRICULTURE

Big Data Analytics provides insights that help governments and businesses enhance their operational efficiency, decision making and promote economic growth

OPPORTUNITY DEFINITION | BIG DATA ANALYTICS | NATIONAL FOOD SECURITY ANALYTICS

Provides a national food supply and demand dashboard powered by country-wide analytics capabilities.

TARGET MARKET

Target Market

There are approximately **1,300 farms** in Qatar.

Target Users

- > Farmers
- > Government officials
- > Business owners



ADJACENT OPPORTUNITIES

- > Digital Farmer Community
- > Precision Agriculture

STAKEHOLDERS

- > Ministry of Municipality & Environment (MME)
- > Hassad Food Company
- > Farmers



KEY PROBLEM STATEMENT | NEED

Demand can fluctuate quickly and supplies could not be matching, causing either cost overruns or shortages of certain products.

The National Food Security Analytics service continuously balances food import levels compared with local supply, while monitoring and projecting national demand and identifying trends that would help increase food security.



OWNER AND SECTOR

Owner Ministry of Municipality & Environment (MME)
Sector Environment (Agriculture)



PROCUREMENT CYCLE

Post Tendering Stage

The opportunity is in post tendering stage.



TIMESPAN



Total duration of 3-5 years including implementation and testing

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.

