



BAYAAN: The Unified Platform Revolutionizing Decision-Making through AI-Powered Intelligence

Official Statistics

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AI Governance

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Policy Intelligence

From Data Producer to Intelligence Enabler

BAYAAN is Abu Dhabi’s AI-powered decision-support platform, developed by the Statistics Centre of Abu Dhabi to transform fragmented government data into actionable intelligence. By integrating data, advanced analytics, predictive models, and real-time insights into one trusted platform, BAYAAN empowers government entities to make faster, smarter, and evidence-based decisions. **Through AI-driven capabilities and user-friendly low-code tools, BAYAAN enables data democratization, strengthens digital government, and drives a new era of intelligent policymaking in Abu Dhabi.**

[BAYAAN Key Capabilities]

1

Unified data platform

Integrates 2M+ statistical values — administrative, survey, and external — into one trusted source of truth.

2

AI-powered intelligence

Advanced analytics and forecasting across economy, population, and labour to support proactive policymaking.

3

Generative AI

Powered by GPT-4 with RAG; natural-language querying and actionable policy summaries.

4

Real-time decision support

Interactive dashboards, live updates, and scenario simulation for rapid decisions.

5

Self-service access

Low-code / no-code tools for non-technical users across government entities.

6

Secure, scalable architecture

CompassAI sovereignty, privacy by design, and a modern stack built for speed and scale.

7

Domain AI Insight Report

An AI-powered report delivering validated quarterly insights from integrated statistical and sentiment data.

8

Consolidated AI Insight Report

An AI-powered quarterly report integrating cross-domain insights for strategic decision-making.

Impact Focus

Enhanced speed and efficiency of insight generation cycles

Features and Usage

- Increased user adoption following the integration of artificial intelligence capabilities
- Accelerated generation of insights and automated summaries
- Reduced dependence on manual data requests and processing

Impact and Decision Support

- Provides a reliable and integrated source of data
- Serves as an enabling platform for informed decision-making
- Supports strategic planning for key business sectors in Abu Dhabi

[BAYAAN Journey]

BAYAAN AI

AI assistant delivering secure, data-driven insights for decision-makers.

BAYAAN AI Insight Report

AI-generated report providing consolidated, actionable policy insights.

Machine Learning

AI that learns from data to detect patterns and make predictions.

AI Geospatial Map

AI applied to spatial data for mapping and location-based insights.

Innovation at SCAD

بيان BAYAAN

Central AI-driven decision platform

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Automated, cross-domain stakeholder intelligence

البيانات للصالح العام Data for Good

Supports sustainable, evidence-based policy