QIM FRAMEWORK

Quantum Interpretive Model

System Architecture

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Document Summary

This framework note presents the system architecture of the **QIM Framework (Quantum Interpretive Model)**. It outlines how QIM transforms market structure into a neutral analytical map through a layered interpretation engine that integrates structural assessment, behavioural evaluation, contextual mapping, swing fidelity checks, and non-directive projection structures. The architecture is intentionally designed to be **universal across global indices and benchmark Indian indices**, reinforcing QIM's role as a scalable, market-agnostic interpretive system. It reflects QIM's non-predictive, structural-behavioural foundation and highlights the essential role of human judgement in the final interpretive process.

Website

https://qimframework.com

Overview

This framework note presents the high-level system architecture of the **QIM Framework (Quantum Interpretive Model)**. It outlines how QIM processes structural, behavioural, and contextual information to generate a neutral analytical map suitable for institutional and research-driven environments.

QIM is engineered as a **non-predictive, structural-behavioural, quantum-inspired interpretive system** that supports human judgement rather than replacing it.

Architecture Summary

The QIM system is built around a layered interpretation engine that transforms raw market structure into a coherent analytical map.

1. Input Layer

- Nifty sectoral indices data
- Historical structural patterns

This layer provides the foundational dataset required for structural and behavioural assessment.

2. QIM Core Interpretation Engine

a. Structural Assessment
Identifies system states such as compression, expansion, and imbalance.

b. Behavioural Evaluation
Assesses volume-driven transitions, sentiment intensity, and behavioural gradients.

c. Contextual Mapping
Relates structural and behavioural patterns to prevailing market context.

3. Swing Fidelity Check

Validates continuity and integrity of market swings to maintain structural coherence.

4. Non-Directive Projections Block

Generates reference structures rather than predictive signals:

- Upside reference structures
- Downside reference structures

These serve as contextual guides, not directional expectations.

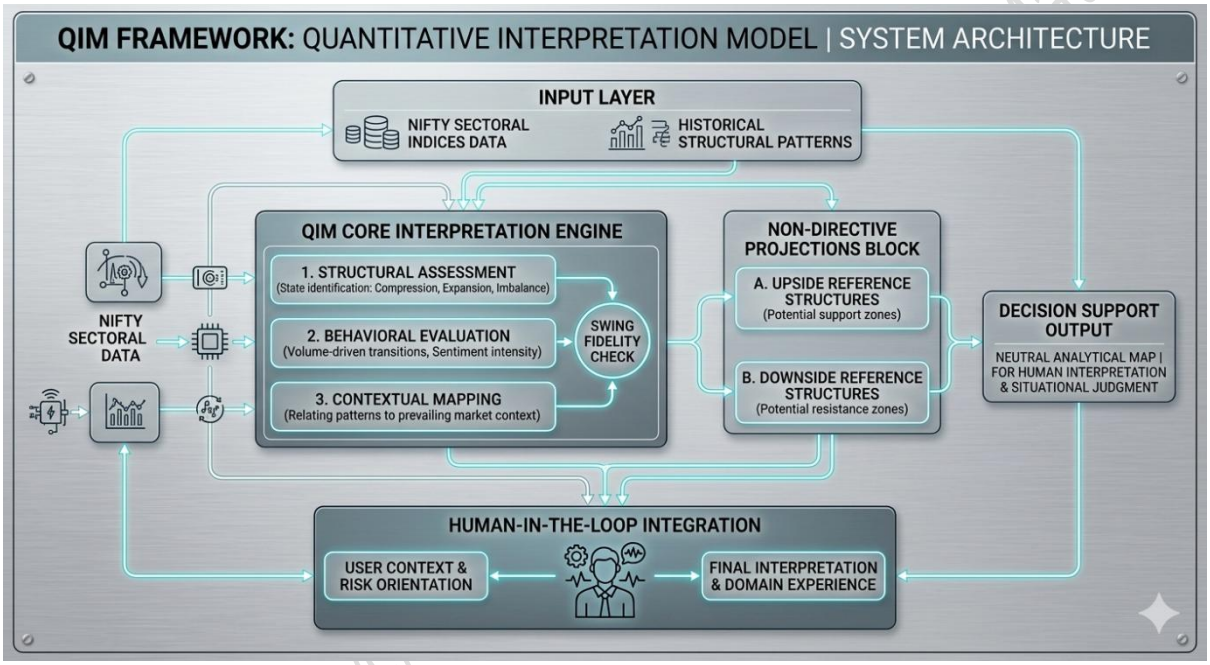
5. Decision-Support Output

Produces a **neutral analytical map** designed for human interpretation, situational judgement, and domain-specific decision-making.

6. Human-in-the-Loop Integration

User context, risk orientation, and domain experience complete the interpretation cycle. QIM supports judgement — it does not replace it.

Architecture Diagram



This architecture is universally applicable across global indices and benchmark Indian indices, reflecting QIM's design as a scalable, market-agnostic interpretive model.

Closing Note

This architecture forms the backbone of the **Quantum Interpretive Model** and sets the stage for upcoming framework notes that will explore each component in greater depth.

Additional Note on Applicability

The system architecture described in this framework note is intentionally designed to be **universal across global indices and benchmark Indian indices**. As stated in the document, *"This architecture is universally applicable across global indices and*

benchmark Indian indices, reflecting QIM's design as a scalable, market-agnostic interpretive model.” This ensures that the Quantum Interpretive Model maintains analytical consistency regardless of market geography, index composition, or structural variability.