

## Common ALM Formula Endpoints (Conceptual Examples)

Here's a breakdown of typical formula-related endpoints you might design or consume:

Endpoint	Purpose
/api/formulas/gap-analysis	Returns liquidity gap across time buckets
/api/formulas/earnings-at-risk	Calculates earnings at risk under various interest rate scenarios
/api/formulas/duration	Computes duration and convexity of assets/liabilities
/api/formulas/net-interest-income	Projects NII based on rate curves and balance sheet structure
/api/formulas/value-at-risk	Provides VaR metrics for interest rate and market risk
/api/formulas/scenario/:id	Runs a specific scenario and returns impact on key metrics
/api/formulas/forecast/:period	Generates forecasted balances and income for a given period