# ✅ Revised MVP Checklist

* 1. Manual IV Entry + IV/HV Comparison
* - User manually enters IV (from broker, scanner, estimate).
* - System computes HV automatically.
* - Displays IV vs HV with interpretation (e.g., IV=55, HV20=42 → IV is 30% higher).
* 2. Chain/Spread Data for Liquidity & Structure
* - Use yfinance to fetch bid/ask, open interest, volume.
* - Highlight liquidity and execution quality.
* 3. Risk-Based Option Position Sizing
* - Contract-based sizing by risk %, not shares.
* - Output: maximum contracts allowed.
* 4. Trade Rationale & Journal Logging
* - Snapshot at entry: symbol, strikes, HV/IV, tags, rationale, risk size.
* - Exit logging: P&L, exit date/time, trade duration.
* 5. Go/No-Go Precheck
* - Flags outlier risks: low liquidity, extreme IV, unusual spreads, major events.
* - Guides user to do deeper analysis, not trade execution.

# ❌ What NOT to Include in MVP

* - Skew analysis (strike vs IV).
* - Term structure (contango/backwardation).
* - IV percentile or rank.
* - Historical IV surfaces.
* ⚠ These require institutional-grade APIs (ORATS, Amberdata, etc.).

# 🔑 Bottom Line for MVP

* - Deliver automated HV, manual IV input, basic chain display, risk-based sizing, and journal logging.
* - Keep the UI clean and emphasize consistent data capture + IV/HV comparison.
* - Advanced analytics (skew, term structure, IV rank) can be deferred until robust options APIs are integrated.