Complete Day Trading & Swing Trading Guide

Master day trading and swing trading with AI-powered market intelligence

📋 Table of Contents

🎯 Introduction

This comprehensive guide is specifically designed for day traders and swing traders who want to leverage the AI Trading Agent to maximize their trading performance. Whether you're scalping intraday moves or capturing multi-day swings, this guide provides the exact prompts, strategies, and workflows you need to succeed.

What Makes This Guide Different

- **Action-Oriented**: Every section includes specific prompts you can use immediately
- **Trading-Style Specific**: Tailored strategies for day trading vs swing trading
- **Real Examples**: Actual prompt examples with expected outputs
- **Risk-Focused**: Risk management integrated into every strategy
- **Options Integration**: Both stock and options strategies for each style

Prerequisites

- Basic understanding of trading concepts (support/resistance, volume, etc.)
- Familiarity with options (Greeks, strategies) for options sections
- Access to the AI Trading Agent with market data capabilities

📈 Day Trading Mastery

Overview

Day trading requires split-second decisions based on real-time market data. The AI Trading Agent excels at rapid analysis, pattern recognition, and risk assessment - perfect for the fast-paced day trading environment.

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🌅 Pre-Market Preparation (6:00-9:30 AM ET)

Market Status & Overnight Analysis

Essential Morning Queries:

```
"Pre-market movers with volume above 1M shares"
"SPY futures overnight action and gap analysis"
"VIX level and market sentiment indicators"
"Economic calendar events for today"
"Earnings reports affecting major stocks"
```

Expected Output Example:

```
Pre-Market Analysis (6:45 AM ET):

TOP MOVERS:
• NVDA: +2.8% on AI partnership news (1.2M pre-market volume)
• TSLA: -1.5% on production concerns (800K volume)
• AAPL: +0.9% ahead of product event (600K volume)

SPY FUTURES:
• Current: 4,445 (+0.3% overnight)
• Gap: Small bullish gap at 4,438
• Key Level: 4,450 resistance from yesterday

VIX: 16.2 (-2.1%) - Low fear, bullish sentiment

TODAY'S EVENTS:
• 8:30 AM: Initial Jobless Claims
• 2:00 PM: Fed Minutes Release
• After Hours: AAPL Earnings Call
```

Gap Analysis & Opening Setup

Gap Trading Queries:

```
"TSLA gap analysis and trading plan"
"NVDA pre-market gap size and reversal probability"
"SPY gap fill probability based on overnight futures"
"High probability gap trades for market open"
"Pre-market volume leaders with gap setups"
```

Expected Output Example:

```
NVDA Gap Analysis:

GAP DETAILS:
• Gap Size: +$8.50 (2.8% bullish gap)
• Gap Range: $293.50 - $302.00
• Previous Close: $293.50
• Pre-Market High: $304.25

TRADING PLAN:
• Strategy: Gap fade if opens above $300
• Entry: Short at $301-303 (first rejection)
• Stop Loss: $305.50 (above pre-market high)
• Target 1: $297 (50% gap fill)
• Target 2: $293.50 (full gap fill)
• Risk/Reward: 1:2.5 (excellent setup)

VOLUME CONFIRMATION:
```

```
• Target 1: $297 (50% gap fill)
• Target 2: $293.50 (full gap fill)
• Risk/Reward: 1:2.5 (excellent setup)

VOLUME CONFIRMATION:
• Pre-market volume: 1.2M (above 400K average)
• Indicates institutional interest
• Watch for follow-through at open
```

🚀 Opening Hour Trading (9:30-10:30 AM ET)

Opening Range Breakouts

Opening Range Queries:

```
"AAPL opening range breakout setup"
"SPY first 15-minute range and key levels"
"High volume breakout candidates in first hour"
"TSLA opening range with volume confirmation"
"QQQ opening range breakout probability"
```

Expected Output Example:

```
AAPL Opening Range Breakout Analysis:

OPENING RANGE (9:30-9:45 AM):
• Range: $185.25 - $187.45
• Volume: 8.2M (above 5M average)
• Direction: Consolidation after gap up

BREAKOUT LEVELS:
• Bullish Breakout: Above $187.45
• Target 1: $189.50 (previous resistance)
• Target 2: $192.00 (daily pivot)
• Stop Loss: $185.00 (below range low)

• Bearish Breakdown: Below $185.25
• Target 1: $183.00 (previous support)
• Target 2: $180.50 (weekly support)
• Stop Loss: $187.70 (above range high)

VOLUME CONFIRMATION:
• Need 10M+ volume for valid breakout
• Current momentum: Neutral
• Watch for 9:50 AM decision point
```

Momentum Scalping

Momentum Trading Queries:

```
"NVDA momentum scalp setups for next 30 minutes"
"High momentum stocks with clean charts"
"TSLA 5-minute chart momentum indicators"
"SPY momentum continuation or reversal signals"
"Quick scalp opportunities in mega caps"
```

📊 Mid-Day Trading (10:30 AM - 2:00 PM ET)

Pullback and Continuation Patterns

Mid-Day Pattern Queries:

```
"AAPL pullback to support for continuation entry"
```

Mid-Day Pattern Queries:

```
"AAPL pullback to support for continuation entry"
"TSLA flag pattern completion timing"
"NVDA bull flag or bear flag analysis"
"SPY midday reversal pattern probability"
"Clean pullback setups in trending stocks"
```

Expected Output Example:

```
TSLA Bull Flag Pattern Analysis:

PATTERN IDENTIFICATION:
• Pattern: Bull Flag (bullish continuation)
• Timeframe: 5-minute chart
• Formation Time: 45 minutes
• Quality: High (clean pattern)

KEY LEVELS:
• Flag High: $245.80 (breakout trigger)
• Flag Low: $242.30 (support level)
• Target: $250.50 (measured move)
• Stop Loss: $241.00 (below pattern)

ENTRY STRATEGY:
• Aggressive: Buy at $244.50 (flag support)
• Conservative: Buy breakout above $245.80
• Volume: Need 500K+ for valid breakout
• Risk/Reward: 1:1.8 (good setup)

TIMING:
• Pattern completion: Next 15-30 minutes
• Ideal volume: Above 600K for confirmation
```

Support and Resistance Trading

S&R Trading Queries:

```
"AAPL support level bounce probability"
"NVDA resistance level rejection setup"
"SPY key support retest and hold strength"
"Multiple timeframe support and resistance alignment analysis"
"High-probability support/resistance trades"
"Key resistance breakout confirmations"
```

⚡ Power Hour Trading (3:00-4:00 PM ET)

End of Day Momentum

Power Hour Queries:

```
"Power hour momentum stocks with volume"
"AAPL end-of-day breakout probability"
"SPY closing action prediction based on internals"
"TSLA power hour reversal or continuation"
"Options expiration effects on price action"
```

Expected Output Example:

```
Power Hour Analysis (3:15 PM ET):

MARKET INTERNALS:
• SPY: Testing 4,448 resistance (daily high)
```

```
Power Hour Analysis (3:15 PM ET):

MARKET INTERNALS:
• SPY: Testing 4,448 resistance (daily high)
• VIX: 15.8 (declining, bullish)
• Volume: Above average (confirming moves)
• Breadth: 65% stocks advancing (healthy)

TOP POWER HOUR PLAYS:
• AAPL: Breaking $186.50 resistance
  - Target: $188.50 by close
  - Stop: $185.50
  - Volume: 2.5M in last hour (strong)

• NVDA: Holding $295 support
  - Target: $298.50 retest
  - Stop: $293.00
  - Momentum: Building for close

STRATEGY:
• Focus on momentum continuation
• Watch for institutional flows
• Prepare for after-hours earnings
```

📋 Day Trading Workflow Checklist

Daily Routine (Copy & Use)

6:00-7:00 AM: Market Preparation

- ☐ "Pre-market movers and overnight news analysis"
- ☐ "Economic calendar and earnings schedule"
- ☐ "SPY futures and sector rotation signals"
- ☐ "High volume pre-market leaders"
- ☐ "Options expiration calendar effects"

9:15-9:30 AM: Opening Setup

- ☐ "Gap analysis for watchlist stocks"
- ☐ "Opening range prediction for SPY QQQ"
- ☐ "Volume leaders and breakout candidates"
- ☐ "Support/resistance levels for key stocks"
- ☐ "VIX and sentiment indicators"

9:30-10:30 AM: Opening Hour Execution

- ☐ "Opening range breakout setups"
- ☐ "Gap fill probabilities and entries"
- ☐ "Momentum continuation signals"
- ☐ "Volume confirmation analysis"
- ☐ "Risk management level updates"

10:30 AM-2:00 PM: Mid-Day Management

- ☐ "Pullback and continuation patterns"
- ☐ "Support/resistance retests"
- ☐ "News-driven momentum changes"
- ☐ "Position management and adjustments"

- [ ] "Support/resistance retests"
- [ ] "News-driven momentum changes"
- [ ] "Position management and adjustments"
- [ ] "New setup identification"

3:00-4:00 PM: Power Hour Focus

- [ ] "End-of-day momentum analysis"
- [ ] "Closing action predictions"
- [ ] "After-hours setup preparation"
- [ ] "Risk management and exits"
- [ ] "Next day preparation notes"

🌊 Swing Trading Excellence

Overview

Swing trading captures multi-day moves using technical analysis and fundamental catalysts. The AI Trading Agent excels at identifying high-probability setups, timing entries, and managing risk over longer timeframes.

📊 Weekly Setup Analysis (Sunday Evening/Monday Morning)

Market Structure & Sector Analysis

Weekly Preparation Queries:

```
"Weekly chart analysis for SPY QQQ IWM"
"Sector rotation opportunities this week"
"Weekly support/resistance levels for mega caps"
"Earnings calendar impact for next 5 trading days"
"Federal Reserve and economic event schedule"
```

Expected Output Example:

```
Weekly Market Structure Analysis:

SPY WEEKLY CHART:
• Trend: Bullish (above 20/50 weekly MAs)
• Current: $443.25
• Weekly Support: $435.00 (previous breakout)
• Weekly Resistance: $450.00 (all-time high area)
• Pattern: Bull flag consolidation
• Volume: Below average (needs confirmation)

SECTOR ROTATION:
• Strongest: Technology (+2.1% weekly)
• Emerging: Energy (+1.8% weekly)
• Weakest: Utilities (-1.2% weekly)
• Defensive: Healthcare flat (risk-off signal)

THIS WEEK'S CATALYSTS:
• Tuesday: CPI Inflation Data
• Wednesday: Fed Minutes Release
• Thursday: NVDA Earnings
• Friday: Options Expiration (3rd Friday)

TRADING IMPLICATIONS:
• Focus on tech breakouts pre-NVDA earnings
```

```
• Thursday: NVDA Earnings
• Friday: Options Expiration (3rd Friday)


TRADING IMPLICATIONS:
• Focus on tech breakouts pre-NVDA earnings
• Watch for CPI reaction trades Tuesday
• Prepare for volatility expansion Wednesday
```

Stock Screening & Selection

Swing Stock Screening Queries:

```
"Best swing trading setups in mega cap stocks"
"High-probability breakout candidates this week"
"Oversold bounce opportunities with strong fundamentals"
"Stocks approaching key technical levels"
"Earnings play screening for week ahead"
```

Expected Output Example:

```
Top Swing Trading Setups This Week:

HIGH-PROBABILITY BREAKOUTS:
• AAPL: Ascending triangle completion
  - Breakout Level: $186.50
  - Target: $195.00 (measured move)
  - Stop Loss: $180.00
  - Risk/Reward: 1:1.4
  - Catalyst: iPhone event rumors

• MSFT: Bull flag pattern
  - Breakout Level: $375.00
  - Target: $390.00
  - Stop Loss: $365.00
  - Risk/Reward: 1:1.5
  - Catalyst: Azure growth estimates

OVERSOLD BOUNCES:
• TSLA: Testing major support
  - Entry Zone: $235-240
  - Target: $265.00
  - Stop Loss: $230.00
  - Risk/Reward: 1:2.5
  - Catalyst: Production data due

EARNINGS PLAYS:
• NVDA: Pre-earnings positioning
  - Strategy: Long straddle
  - Expected Move: ±8%
  - Entry: 2 days before earnings
  - Exit: Day after earnings
```

🎯 Entry Point Identification

Multi-Timeframe Analysis

Entry Timing Queries:

```
"AAPL daily and weekly chart alignment for entry"
"TSLA multi-timeframe support convergence"
"NVDA 4-hour and daily trend confirmation"
"SPY weekly trend with daily pullback setup"
"Best timeframe for MSFT swing entry"
```

Expected Output Example:

```
"Best timeframe for MSFT swing entry"
```

Expected Output Example:

```
AAPL Multi-Timeframe Entry Analysis:

WEEKLY CHART:
• Trend: Strong bullish
• Support: $175.00 (20-week MA)
• Resistance: $190.00 (weekly pivot)
• Pattern: Ascending triangle
• Volume: Confirming uptrend

DAILY CHART:
• Trend: Bullish pullback
• Current: $182.50
• Support: $180.00 (daily pivot)
• Resistance: $186.50 (triangle apex)
• Pattern: Bull flag within triangle

4-HOUR CHART:
• Trend: Consolidation
• Entry Zone: $181.00-182.50
• Immediate Support: $180.50
• Breakout Level: $184.00
• Volume: Building for breakout

OPTIMAL ENTRY STRATEGY:
• Aggressive: $181.50 (flag support)
• Conservative: $184.50 (breakout confirmation)
• Stop Loss: $179.00 (below multi-timeframe support)
• Target 1: $190.00 (weekly resistance)
• Target 2: $195.00 (measured move)
• Hold Time: 5-10 trading days
```

Pattern Recognition & Confirmation

Pattern-Based Entry Queries:

```
"TSLA cup and handle pattern completion timing"
"NVDA ascending triangle breakout probability"
"MSFT bull flag pattern with volume confirmation"
"SPY head and shoulders pattern validity"
"Flag and pennant patterns in trending stocks"
```

🔄 Position Management

Trade Management & Scaling

Position Management Queries:

```
"AAPL swing trade profit-taking levels"
"TSLA position sizing for 2% account risk"
"NVDA trailing stop loss strategy"
"Multiple position management for correlated stocks"
"Portfolio heat management with 5 swing positions"
```

Expected Output Example:

```
AAPL Swing Trade Management Plan:

POSITION DETAILS:
• Entry: $182.50 (average cost)
• Position Size: 500 shares
• Account Risk: 2% ($2,000 max loss)
```

```
POSITION DETAILS:
• Entry: $182.50 (average cost)
• Position Size: 500 shares
• Account Risk: 2% ($2,000 max loss)
• Initial Stop: $179.00 (-$1,750 risk)
• Position Value: $91,250

PROFIT-TAKING STRATEGY:
• Target 1: $186.50 (25% position)
  - Profit: +$2,000 (2.2% gain)
  - Action: Sell 125 shares

• Target 2: $190.00 (50% position)
  - Profit: +$3,750 total
  - Action: Sell 250 shares

• Target 3: $195.00 (25% position)
  - Profit: +$6,250 total
  - Action: Sell 125 shares

STOP LOSS ADJUSTMENTS:
• After Target 1: Move stop to $181.00 (breakeven+)
• After Target 2: Move stop to $184.00
• After Target 3: Trail with $3.00 stop

HOLD MANAGEMENT:
• Time Stop: 10 trading days maximum
• News Stop: Exit on major negative catalyst
• Technical Stop: Break below $181.00 daily close
```

Risk Monitoring & Adjustments

Risk Management Queries:

```
"Portfolio correlation risk with current positions"
"Maximum position heat check across all trades"
"Stop loss adjustment recommendations"
"Hedge setup for portfolio protection"
"Risk-adjusted returns for active trades"
```

📔 Weekly Swing Trading Schedule

Systematic Weekly Approach

Sunday Evening (6:00-8:00 PM ET)

- ☐ "Weekly market structure and trend analysis"
- ☐ "Sector rotation and leadership changes"
- ☐ "Economic calendar and earnings schedule"
- ☐ "Weekend news impact on Monday gaps"
- ☐ "Watchlist update and screening"

Monday Morning (8:00-9:00 AM ET)

- ☐ "Gap analysis and opening bias"
- ☐ "Weekly level tests and reactions"
- ☐ "New setup identification"
- ☐ "Position sizing calculations"
- ☐ "Risk management updates"

Tuesday-Thursday (Market Hours)

- ☐ "Position sizing calculations"
- ☐ "Risk management updates"

Tuesday-Thursday (Market Hours)

- ☐ "Pattern progression monitoring"
- ☐ "Entry trigger confirmations"
- ☐ "Position management updates"
- ☐ "New catalyst analysis"
- ☐ "Technical level adjustments"

Friday (Market Hours)

- ☐ "Weekly close positioning"
- ☐ "Weekend risk assessment"
- ☐ "Options expiration effects"
- ☐ "Profit taking considerations"
- ☐ "Next week preparation"

🎯 Options Trading Strategies

Day Trading Options

Momentum Options Plays

Day Trading Options Queries:

```
"AAPL call options for momentum breakout"
"TSLA put options for gap fade strategy"
"SPY 0DTE options for intraday direction"
"High gamma options for quick moves"
"Liquid options for scalping strategies"
```

Expected Output Example:

```
AAPL Momentum Breakout Options Analysis:

SETUP:
• Stock: $185.25 approaching $186.50 breakout
• Strategy: Long call options
• Timeframe: Intraday (0-1 DTE)
• Expected Move: $186.50 to $190.00

RECOMMENDED OPTIONS:
• Strike: $186 Calls (expiring today)
• Current Price: $1.25
• Delta: 0.45 (moderate exposure)
• Gamma: 0.12 (good acceleration)
• Theta: -0.08 (manageable decay)
• Volume: 8,500 (very liquid)

TRADE PLAN:
• Entry: $1.20-1.30 (current levels)
• Target 1: $2.50 (if stock hits $188)
• Target 2: $4.00 (if stock hits $190)
• Stop Loss: $0.75 (if stock breaks $185)
• Max Hold: 2 hours (avoid theta decay)

RISK ANALYSIS:
• Max Risk: $550 per contract
```

```
• Stop Loss: $0.75 (if stock breaks $185)
• Max Hold: 2 hours (avoid theta decay)

RISK ANALYSIS:
• Max Risk: $550 per contract
• Profit Potential: $1,250-2,750 per contract
• Risk/Reward: 1:2.3 to 1:5
• Success Probability: 65% (strong setup)
```

Gap Trading with Options

Gap Options Queries:

```
"NVDA gap fade put options strategy"
"TSLA gap fill play with call options"
"SPY gap trading using options straddle"
"High IV options for gap reversals"
"Options flow indicating gap direction"
```

Swing Trading Options

Earnings Plays

Earnings Options Queries:

```
"NVDA earnings straddle strategy analysis"
"TSLA earnings calendar spread setup"
"AAPL pre-earnings options positioning"
"Post-earnings options strategies"
"Volatility crush protection methods"
```

Expected Output Example:

```
NVDA Earnings Straddle Analysis:

EARNINGS SETUP:
• Earnings Date: Thursday after close
• Current Stock: $295.50
• Implied Volatility: 65% (elevated)
• Expected Move: ±$22.50 (7.6%)

LONG STRADDLE STRATEGY:
• Buy $295 Call: $12.50
• Buy $295 Put: $11.75
• Total Cost: $24.25 per straddle
• Breakeven Points: $271.25 and $319.75

PROFIT SCENARIOS:
• Big Move Up (+10%): $325 stock = $6.50 profit
• Big Move Down (-10%): $265 stock = $5.50 profit
• Small Move (±3%): -$15.00 loss (volatility crush)

TRADE MANAGEMENT:
• Entry: 2 days before earnings
• Exit Plan A: Day after earnings (avoid theta)
• Exit Plan B: 50% profit if early move
• Stop Loss: -50% of premium paid
• Success Rate: 70% on moves >6%
```

Income Generation Strategies

Weekly Income Queries:

```
"AAPL covered call income strategy this week"
```

Weekly Income Queries:

```
"AAPL covered call income strategy this week"
"TSLA cash-secured put opportunities"
"SPY iron condor weekly setup"
"High IV stocks for premium selling"
"Weekly options income optimization"
```

Expected Output Example:

```
AAPL Weekly Covered Call Strategy:

CURRENT POSITION:
• Own: 1,000 shares at $183.50 average
• Current Price: $185.25
• Unrealized Gain: +$1,750

WEEKLY CALL OPPORTUNITY:
• Sell: 10x $187.50 Calls (Friday expiration)
• Premium: $1.15 per share ($1,150 total)
• Probability of Assignment: 35%
• Strike Above Cost: +$4.00 safety margin

INCOME ANALYSIS:
• Weekly Income: $1,150 (0.62% return)
• Annualized: 32.4% (if repeated weekly)
• Upside Cap: $4,000 capital gain + $1,150 premium
• Downside Protection: $1.15 per share

MANAGEMENT PLAN:
• If Assigned: Happy to sell at 21% gain
• If Expires Worthless: Keep premium, repeat
• If Stock Drops: Premium provides downside buffer
• Next Week: Look for $185 calls if not assigned

RISK CONSIDERATIONS:
• Miss gains above $187.50
• Still exposed to downside below $184.10
• Opportunity cost if major breakout occurs
```

Options Risk Management

Greeks Monitoring

Greeks Analysis Queries:

```
"Portfolio options Greeks exposure analysis"
"Delta hedging for large option positions"
"Theta decay impact on overnight holds"
"Gamma risk for 0DTE positions"
"Vega exposure to volatility changes"
```

Position Sizing & Risk Control

Options Risk Queries:

```
"Maximum options allocation for day trading"
"Position sizing for swing options plays"
"Portfolio heat with options leverage"
"Options stop loss strategies"
"Correlation risk in multi-options positions"
```

⚠️ **Risk Management**

⚠️ Risk Management

Day Trading Risk Management

Real-Time Risk Monitoring

Risk Monitoring Queries:

```
"Current portfolio heat and exposure check"
"Maximum daily loss limit status"
"Position sizing for next trade"
"Correlation risk between open positions"
"Account drawdown percentage analysis"
```

Stop Loss Strategies

Stop Loss Optimization Queries:

```
"Optimal stop loss for AAPL momentum trade"
"Trailing stop strategy for trending positions"
"Time-based stops for intraday holds"
"Volatility-adjusted stop placement"
"Multiple position stop coordination"
```

Expected Output Example:

```
AAPL Momentum Trade Stop Loss Analysis:

POSITION DETAILS:
• Entry: $185.50 (long position)
• Current: $186.25 (+$0.75)
• Position Size: 1,000 shares
• Account Risk Target: 1% ($1,000)

STOP LOSS OPTIONS:

1. FIXED STOP:
   • Level: $184.50 (-$1.00 risk)
   • Rationale: Below key support
   • Risk: $1,000 total
   • Pros: Clear, unemotional

2. TRAILING STOP:
   • Initial: $184.50
   • Trail Amount: $0.50
   • Current Level: $185.75
   • Pros: Captures more upside

3. VOLATILITY STOP:
   • ATR-based: $184.25 (-$1.25)
   • Adjustment: 1.5x ATR
   • Pros: Accounts for noise


RECOMMENDATION:
• Use trailing stop starting at $184.50
• Trail by $0.50 once profitable
• Maximum hold: 30 minutes
• Time stop: Exit at 11:45 AM regardless
```

Swing Trading Risk Management

Swing Trading Risk Management

Position Sizing Framework

Position Sizing Queries:

```
"Position size for 2% risk on TSLA swing"
"Maximum position heat across 5 swing trades"
"Portfolio correlation impact on sizing"
"Volatility-adjusted position sizing"
"Account growth impact on position sizes"
```

Multi-Position Risk Control

Portfolio Risk Queries:

```
"Total portfolio risk exposure analysis"
"Sector concentration risk assessment"
"Correlation matrix for current positions"
"Maximum simultaneous positions recommendation"
"Portfolio stress test scenarios"
```

Expected Output Example:

```
Portfolio Risk Assessment:

CURRENT POSITIONS:
• AAPL: $10,000 (2.0% risk) - Long swing
• TSLA: $8,000 (1.8% risk) - Long swing
• NVDA: $6,000 (1.5% risk) - Short swing
• SPY: $4,000 (1.0% risk) - Hedge
• Total Exposure: $28,000 (28% of account)

RISK ANALYSIS:
• Total Risk: 6.3% of account
• Maximum Single Risk: 2.0% (within limits)
• Sector Concentration: 75% Technology (HIGH)
• Correlation Risk: AAPL/NVDA 0.85 (HIGH)

RECOMMENDATIONS:
• Reduce tech concentration below 60%
• Consider defensive sector addition
• Limit new tech positions until exits
• Maintain hedge position in SPY
• Maximum new position: 1.5% risk

STRESS TEST:
• 5% Market Drop: -$2,100 portfolio impact
• Tech Sector Crash: -$3,800 potential loss
• Individual Stop Outs: -$1,260 maximum
• Overall Risk Level: MODERATE-HIGH
```

Emergency Procedures

Crisis Management

Emergency Risk Queries:

```
"Flash crash response protocol"
"Breaking news immediate risk assessment"
"Circuit breaker trading halt procedures"
"Account preservation emergency exits"
```

```
"Flash crash response protocol"
"Breaking news immediate risk assessment"
"Circuit breaker trading halt procedures"
"Account preservation emergency exits"
"Black swan event position management"
```

🚀 Advanced Techniques

Multi-Timeframe Analysis

Confluence Trading

Confluence Analysis Queries:

```
"AAPL multi-timeframe confluence for swing entry"
"SPY daily/weekly/monthly alignment analysis"
"TSLA 4H/daily/weekly trend confluence"
"Support/resistance confluence across timeframes"
"Volume confluence confirmation analysis"
```

Correlation Trading

Pairs and Relative Strength

Correlation Trading Queries:

```
"AAPL vs MSFT relative strength analysis"
"Tech sector internal rotation opportunities"
"SPY vs QQQ divergence trading setup"
"Dollar impact on tech stock correlations"
"Sector pair trading opportunities"
```

Advanced Options Strategies

Complex Spreads

Advanced Options Queries:

```
"NVDA iron butterfly setup for earnings"
"TSLA calendar spread optimization"
"SPY broken wing butterfly strategy"
"Diagonal spreads for volatile stocks"
"Ratio spreads for directional bias"
```

Market Microstructure

Order Flow and Internals

Market Structure Queries:

```
"SPY order flow and institutional activity"
"Market breadth and rotation signals"
"VIX term structure analysis"
"Options flow institutional signals"
"Dark pool activity impact analysis"
```

```
"VIX term structure analysis"
"Options flow institutional signals"
"Dark pool activity impact analysis"
```

🎪 Real-World Trading Scenarios

Scenario 1: Gap Up Day Trading

Situation: NVDA gaps up 3% on AI partnership news **Objective**: Trade the gap for intraday profit

Query Sequence:

```
1. "NVDA gap analysis and gap fill probability"
2. "NVDA pre-market volume and institutional activity"
3. "NVDA gap fade strategy with stop loss levels"
4. "NVDA options for gap fade play"
5. "NVDA 15-minute opening range analysis"
```

Trading Execution:

```
Gap Fade Strategy Execution:

PRE-MARKET ANALYSIS:
• Gap Size: +$9.50 (3.2%)
• Pre-market High: $304.25
• Volume: 1.8M (high institutional interest)
• Fade Probability: 70% (historically strong)

ENTRY PLAN:
• Wait for first rejection above $300
• Entry: Short at $301.50-303.50
• Stop Loss: $305.50 (above PM high)
• Target 1: $297.00 (50% gap fill)
• Target 2: $294.50 (full gap fill)

EXECUTION:
• 9:45 AM: Stock hits $302.80, showing rejection
• Enter short at $302.50 with 500 shares
• Risk: $1,500 (3 points × 500 shares)
• Reward Target: $2,750 (5.5 points to Target 1)

MANAGEMENT:
• 10:15 AM: Target 1 hit at $297.20
• Exit 50% position (+$2,650 profit)
• Trail stop to $299.50 for remaining shares
• 11:30 AM: Stopped out remaining at $299.80
• Total Profit: +$2,150 (1.43% account gain)
```

Scenario 2: Swing Trading Breakout

Situation: AAPL forming ascending triangle over 3 weeks **Objective**: Capture breakout move for multi-day swing

Query Sequence:

```
1. "AAPL ascending triangle pattern completion analysis"
2. "AAPL volume pattern and breakout confirmation"
3. "AAPL risk/reward ratio for triangle breakout"
4. "AAPL position sizing for 2% account risk"
5. "AAPL weekly resistance levels and targets"
```

Trading Execution:

```
Ascending Triangle Breakout Trade:
```

Trading Execution:

```
Ascending Triangle Breakout Trade:

PATTERN ANALYSIS:
• Formation: 3-week ascending triangle
• Breakout Level: $186.50
• Target: $195.00 (measured move)
• Support: $180.00 (triangle base)
• Quality: High (clean pattern)

ENTRY STRATEGY:
• Approach: Breakout confirmation
• Entry: $187.00 (above breakout)
• Position Size: 765 shares (2% risk)
• Stop Loss: $179.50 (below support)
• Risk per Share: $7.50

EXECUTION:
• Day 1: Breakout confirmed at $187.20
• Enter 765 shares at $187.20
• Total Position: $143,208
• Risk: $5,737 (2% of account)

MANAGEMENT:
• Day 3: Stock reaches $191.50
• Sell 255 shares (1/3) at $191.50
• Move stop to $185.00 (breakeven+)
• Day 7: Stock hits $194.25
• Sell 255 shares (1/3) at $194.25
• Trail stop to $191.00
• Day 12: Stopped out final 255 shares at $191.00
• Total Profit: +$4,185 (1.46% account gain)
```

Scenario 3: Earnings Options Straddle

Situation: TSLA earnings in 2 days, high volatility expected **Objective**: Profit from large move regardless of direction

Query Sequence:

```
1. "TSLA earnings expected move and volatility analysis"
2. "TSLA straddle vs strangle strategy comparison"
3. "TSLA options liquidity and bid-ask spreads"
4. "TSLA historical earnings move analysis"
5. "TSLA post-earnings volatility crush timeline"
```

Trading Execution:

```
TSLA Earnings Straddle Strategy:

SETUP ANALYSIS:
• Earnings: Thursday after close
• Current Stock: $245.50
• Expected Move: ±$18.00 (7.3%)
• IV Rank: 78% (very high)

STRADDLE DETAILS:
• Buy $245 Call: $9.50
• Buy $245 Put: $8.75
• Total Cost: $18.25 per straddle
• Breakevens: $226.75 and $263.25

POSITION:
• Contracts: 10 straddles
• Total Cost: $18,250
• Account Risk: 6.4% (speculative play)
```

```
POSITION:
• Contracts: 10 straddles
• Total Cost: $18,250
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EXECUTION:
• Tuesday: Enter straddle at $18.25
• Wednesday: Position value $19.50 (+6.8%)
• Thursday: Earnings released, stock opens $258
• Friday Open: Straddle worth $21.75
• Exit: Sell at $21.50 (+18.1% profit)
• Total Profit: +$3,250 (1.13% account gain)

LESSONS:
• Early exit avoided volatility crush
• Move of $12.50 exceeded minimum needed
• Risk management kept position size reasonable
```

Scenario 4: Risk Management Crisis

Situation: Flash crash drops market 3% in 10 minutes **Objective**: Protect capital and manage open positions

Query Sequence:

```
1. "Flash crash immediate portfolio impact assessment"
2. "Emergency stop loss execution priority"
3. "Market recovery probability analysis"
4. "VIX spike trading opportunities"
5. "Account preservation strategies"
```

Crisis Management:

```
Flash Crash Response Protocol:

IMMEDIATE ASSESSMENT (First 2 minutes):
• Portfolio Impact: -$8,400 (2.93%)
• Open Positions: 4 swing trades + 2 day trades
• Margin Requirement: Increased 40%
• Volatility: VIX spiked to 32

EMERGENCY ACTIONS:
1. Close all day trading positions immediately
   • NVDA position: -$850 loss (cut loss)
   • AAPL position: +$200 profit (lucky exit)

2. Evaluate swing positions:
   • TSLA: -15% (hitting stop loss)
   • MSFT: -8% (hold, strong fundamentals)
   • SPY: -12% (hold, hedge position)

3. Risk Management:
   • Reduced portfolio heat from 8% to 4%
   • Increased cash position to 50%
   • Cancelled all pending orders

RECOVERY STRATEGY:
• Wait for VIX to settle below 25
• Look for oversold bounce opportunities
• Scale back into positions gradually
• Maintain defensive stance for 3-5 days

OUTCOME:
• Total Loss: -$2,150 (0.75% account)
• Capital Preserved: 99.25%
• Lessons: Emergency plan prevented major damage
```

🧠 Best Practices & Psychology

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Mental Framework for Success

Daily Routine & Discipline

Mindset Preparation Queries:

```
"Market sentiment and trader psychology analysis"
"Risk tolerance check based on recent performance"
"Trading plan adherence assessment"
"Emotional state impact on decision making"
"Performance review and improvement areas"
```

Consistency and Routine

Daily Habit Queries:

```
"Morning market preparation checklist"
"Pre-trade risk assessment protocol"
"Post-trade analysis and logging"
"Weekly performance review process"
"Monthly trading plan adjustments"
```

Performance Optimization

Trade Review Process

Performance Analysis Queries:

```
"Win rate and risk/reward analysis for last 30 trades"
"Best performing strategies identification"
"Worst performing patterns to avoid"
"Optimal trade size and frequency analysis"
"Market condition impact on performance"
```

Expected Output Example:

```
30-Day Trading Performance Review:

OVERALL STATISTICS:
• Total Trades: 47
• Win Rate: 63.8% (30 wins, 17 losses)
• Average Win: +$1,240
• Average Loss: -$580
• Profit Factor: 2.14 (excellent)
• Account Growth: +8.2%

BEST STRATEGIES:
• Breakout Trades: 78% win rate
• Gap Fade: 71% win rate
• Support Bounce: 69% win rate

WORST STRATEGIES:
• Counter-trend: 43% win rate
• News Reaction: 38% win rate
• FOMO Trades: 29% win rate

IMPROVEMENT AREAS:
• Reduce position size on news trades
• Avoid counter-trend in strong markets
```

```
• FOMO Trades: 29% win rate

IMPROVEMENT AREAS:
• Reduce position size on news trades
• Avoid counter-trend in strong markets
• Wait for pullbacks before entries
• Stick to high-probability setups only

NEXT MONTH FOCUS:
• Emphasize breakout strategies
• Eliminate FOMO trading completely
• Increase average win size
• Maintain current risk management
```

Common Pitfalls and Solutions

Emotional Trading Mistakes

Psychology Queries:

```
"Fear and greed indicators in current market"
"Overtrading risk assessment"
"Revenge trading prevention strategies"
"FOMO (fear of missing out) management"
"Confirmation bias in trade selection"
```

Systematic Error Prevention

Error Prevention Queries:

```
"Position sizing calculation verification"
"Stop loss placement double-check"
"Correlation risk in new positions"
"Account heat limit compliance check"
"Trading plan deviation analysis"
```

Building Long-Term Success

Continuous Learning

Education Queries:

```
"Market regime change adaptation strategies"
"New pattern recognition techniques"
"Risk management evolution and improvement"
"Technology advancement impact on trading"
"Professional development areas"
```

Goal Setting and Tracking

Goal Management Queries:

```
"Monthly profit target progress assessment"
"Annual performance goal alignment"
"Skill development milestone tracking"
"Risk-adjusted return optimization"
"Career progression planning"
```

📚 Quick Reference Guides

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Day Trading Quick Commands

```
🟥  PRE-MARKET (6:00-9:30 AM)
"Pre-market movers with volume above 1M"
"Gap analysis for [TICKER]"
"Economic calendar for today"
"VIX and market sentiment"

📈  OPENING HOUR (9:30-10:30 AM)
"[TICKER] opening range breakout setup"
"Momentum scalp opportunities"
"Volume leaders with clean charts"
"Gap fill probability analysis"

📊  MID-DAY (10:30 AM-2:00 PM)
"[TICKER] pullback to support entry"
"Support/resistance retest setup"
"Flag pattern completion timing"
"News-driven momentum changes"

⚡ POWER HOUR (3:00-4:00 PM)
"Power hour momentum analysis"
"End-of-day breakout probability"
"Closing action prediction"
"After-hours setup preparation"
```

Swing Trading Quick Commands

```
📊  WEEKLY SETUP (Sunday/Monday)
"Weekly chart analysis for mega caps"
"Sector rotation opportunities"
"Earnings calendar impact next 5 days"
"Weekly support/resistance levels"

🎯  ENTRY ANALYSIS
"[TICKER] multi-timeframe confluence"
"Breakout confirmation signals"
"Risk/reward ratio analysis"
"Position sizing for 2% risk"

🔄  POSITION MANAGEMENT
"Profit-taking level recommendations"
"Trailing stop loss strategy"
"Portfolio correlation risk check"
"Position heat assessment"

📈  PATTERN RECOGNITION
"[TICKER] pattern completion timing"
"Volume confirmation analysis"
"Pattern reliability assessment"
"Target projection calculation"
```

Options Trading Quick Commands

```
🗒️  DAY TRADING OPTIONS
"[TICKER] momentum options play"
"0DTE options for intraday direction"
"High gamma options for quick moves"
"Liquid options for scalping"

🎯  SWING OPTIONS
"[TICKER] earnings straddle analysis"
```

```
"High gamma options for quick moves"
"Liquid options for scalping"

🎯 SWING OPTIONS
"[TICKER] earnings straddle analysis"
"Weekly covered call opportunities"
"Cash-secured put setups"
"Calendar spread optimization"

⚠️ RISK MANAGEMENT
"Options Greeks exposure check"
"Maximum options allocation"
"Volatility impact analysis"
"Time decay management"
```

Emergency Commands

```
🚨 RISK ALERTS
"Portfolio heat check immediately"
"Emergency stop loss protocol"
"Account preservation strategies"
"Crisis management procedures"

📉 MARKET CRASH
"Flash crash response protocol"
"VIX spike trading opportunities"
"Market recovery probability"
"Defensive positioning strategies"

🔍 QUICK HEALTH CHECK
"Daily loss limit status"
"Position correlation risk"
"Account drawdown analysis"
"Risk management compliance"
```

🎓 Conclusion

This comprehensive guide provides you with everything needed to excel at day trading and swing trading using the AI Trading Agent. The key to success lies in:

1. **Consistent Application**: Use the provided queries and workflows daily
2. **Risk Management**: Never deviate from position sizing and stop loss rules
3. **Continuous Learning**: Analyze every trade and adapt strategies
4. **Patience and Discipline**: Wait for high-probability setups
5. **Technology Integration**: Leverage AI for analysis, not decision replacement

Remember the Golden Rules:

- **Risk Management is Everything**: Protect capital first, profits second
- **Quality Over Quantity**: Better to trade less with higher probability
- **Plan Every Trade**: Enter with a clear strategy and exit plan
- **Stay Flexible**: Adapt to changing market conditions
- **Never Stop Learning**: Markets evolve, so must your skills

Your Trading Journey Starts Now

Begin with the daily routines, master the basic queries, and gradually incorporate advanced techniques. The AI Trading Agent is your analytical partner - use it wisely, and it will give you a significant edge in the markets.

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Trade smart, manage risk, and let the AI amplify your success.