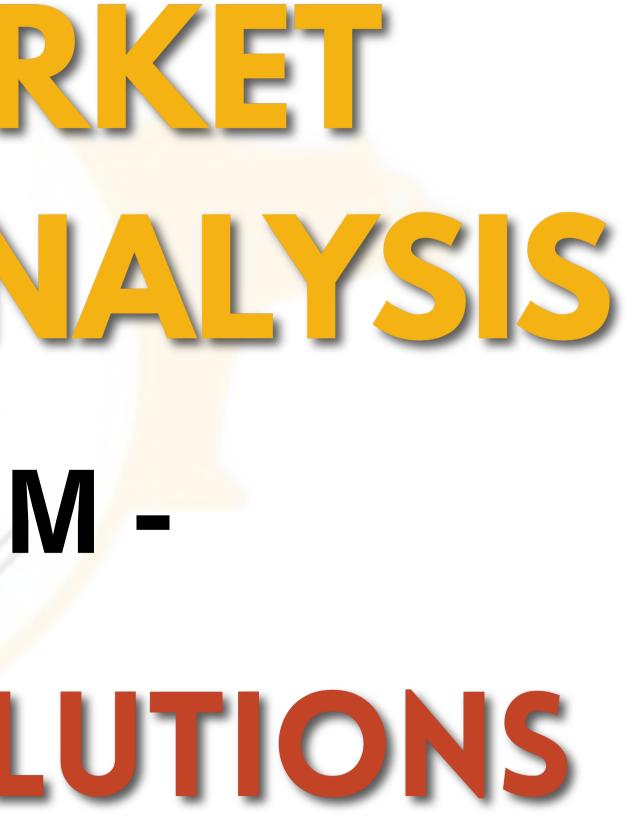# STOCK MARKET TECHNICAL ANALYSIS

## CURRICULUM -

# RR VICTORY SOLUTIONS

# COMPLETE INTRODUCTION TO THE STOCK MARKET

A beginner-friendly guide covering the basics of stocks, market mechanics, trading strategies, risk management, and key investment principles to help you navigate the financial markets with confidence.

# BEGINNER LEVEL

## 1. INTRODUCTION TO TECHNICAL ANALYSIS

- WHAT IS TECHNICAL ANALYSIS?
- DIFFERENCE BETWEEN TECHNICAL & FUNDAMENTAL ANALYSIS
- UNDERSTANDING MARKET PARTICIPANTS (RETAIL VS. INSTITUTIONAL TRADERS)
- COMPLETE INTRODUCTION TO THE STOCK MARKET

# 2. BASICS OF PRICE CHARTS

- **TYPES OF CHARTS (LINE, BAR, CANDLESTICK)**

- **UNDERSTANDING TIMEFRAMES (INTRADAY, DAILY, WEEKLY, MONTHLY)**

- **BASICS OF MARKET TRENDS (UPTREND, DOWNTREND, SIDEWAYS)**

# 3. CANDLESTICK PATTERNS & PRICE ACTION

- **INTRODUCTION TO CANDLESTICK PATTERNS**

- **BULLISH & BEARISH REVERSAL PATTERNS (HAMMER, SHOOTING STAR, ENGULFING, DOJI)**

- **CONTINUATION PATTERNS (MARUBOZU, SPINNING TOP, THREE WHITE SOLDIERS)**

# 4. SUPPORT & RESISTANCE LEVELS

- **IDENTIFYING KEY SUPPORT & RESISTANCE ZONES**

- **ROLE OF SUPPLY & DEMAND**

- **TRENDLINES & CHANNELS**

# INTERMEDIATE LEVEL

## 5. TECHNICAL INDICATORS & OSCILLATORS

- MOVING AVERAGES (SMA, EMA)

- RELATIVE STRENGTH INDEX (RSI)

- MOVING AVERAGE CONVERGENCE DIVERGENCE (MACD)

- BOLLINGER BANDS

- STOCHASTIC OSCILLATOR

# 6. CHART PATTERNS & MARKET STRUCTURES

- **REVERSAL PATTERNS (HEAD & SHOULDERS, DOUBLE TOP/BOTTOM)**
- **CONTINUATION PATTERNS (FLAGS, PENNANTS, WEDGES)**
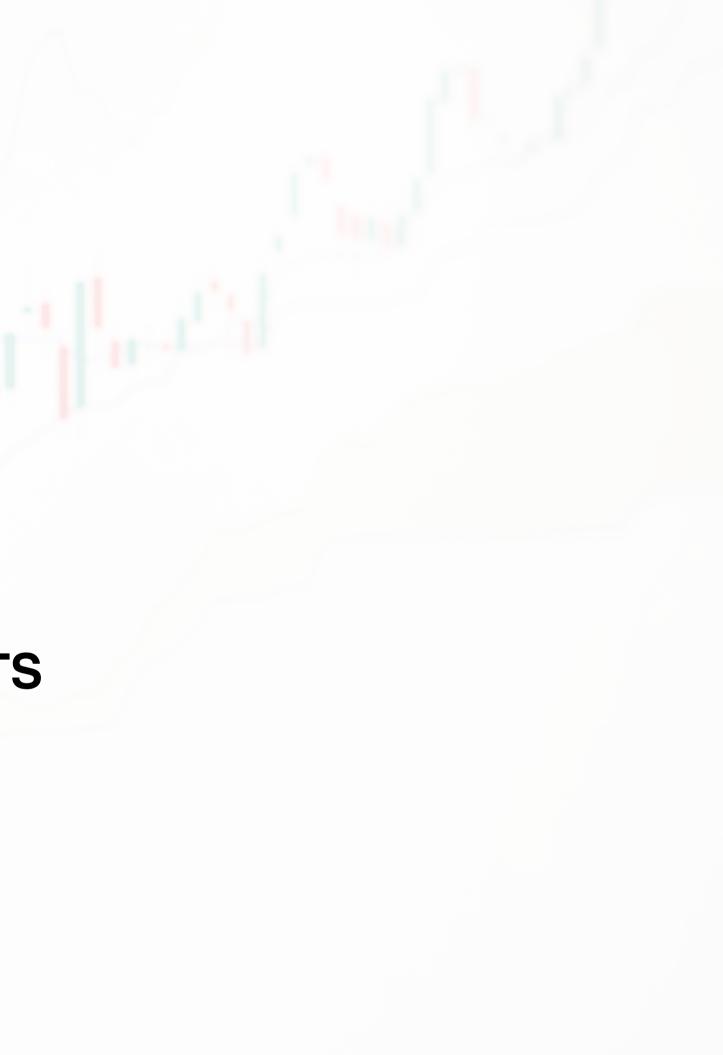- **CUP AND HANDLE PATTERN**

# 7. VOLUME ANALYSIS

- **IMPORTANCE OF VOLUME IN TECHNICAL ANALYSIS**

- **VOLUME CONFIRMATION WITH PRICE MOVEMENTS**

- **ACCUMULATION & DISTRIBUTION PATTERNS**

# 8. TREND ANALYSIS & FIBONACCI TOOLS

- **TREND STRENGTH & DIRECTION**

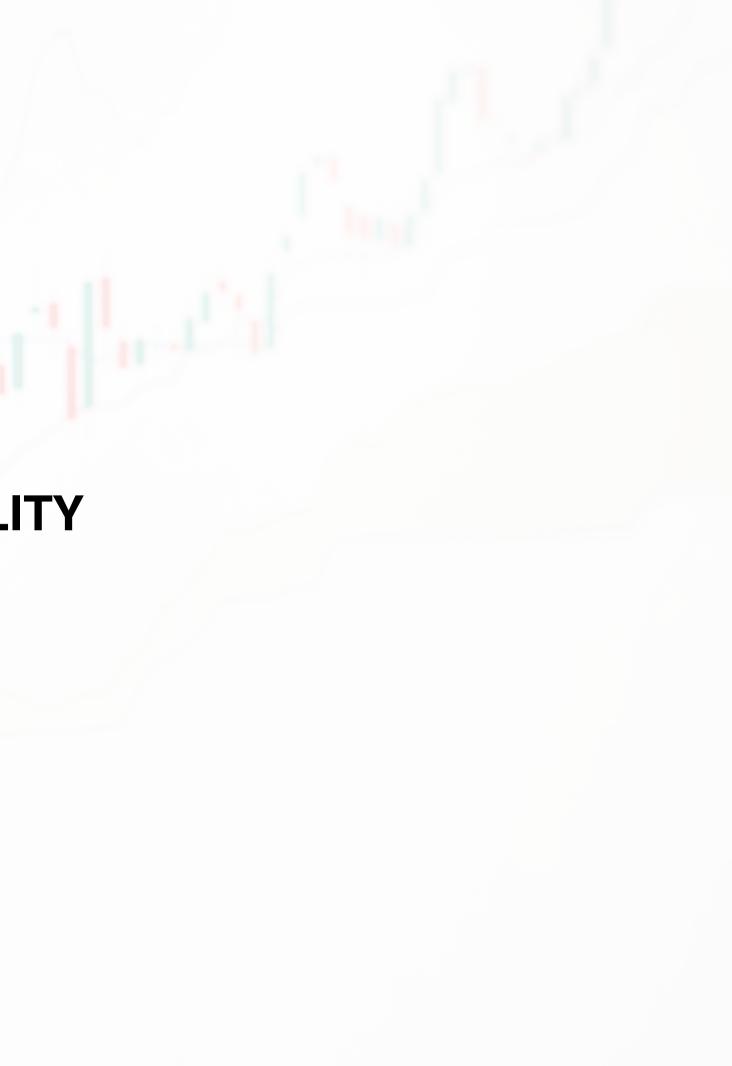- **FIBONACCI RETRACEMENT & EXTENSIONS**

- **USING FIBONACCI FOR ENTRY & EXIT POINTS**

# ADVANCED LEVEL

## 9. ADVANCED INDICATORS & STRATEGIES

- ICHIMOKU CLOUD

- AVERAGE TRUE RANGE (ATR) FOR VOLATILITY

- PARABOLIC SAR

- BOLLINGER BANDS

- MULTI-TIMEFRAME ANALYSIS

# 10. RISK MANAGEMENT & TRADING PSYCHOLOGY

- **POSITION SIZING & RISK-REWARD RATIOS**

- **IMPORTANCE OF STOP-LOSS & TAKE-PROFIT**

- **OVERCOMING TRADING BIASES & EMOTIONAL CONTROL**

# 11. ALGORITHMIC & QUANTITATIVE ANALYSIS

- **INTRODUCTION TO ALGORITHMIC TRADING**

- **BASICS OF BACKTESTING STRATEGIES**

- **USING PYTHON FOR TECHNICAL ANALYSIS**

# 12. PRACTICAL APPLICATION & STRATEGY DEVELOPMENT

- CREATING A TRADING PLAN

- LIVE MARKET CASE STUDIES

- DEVELOPING PERSONALIZED TRADING STRATEGIES

# INTERMEDIATE LEVEL

- PERFORM A TECHNICAL ANALYSIS ON A STOCK/CRYPTOCURRENCY AND PRESENT TRADE IDEAS BASED ON THE LEARNED CONCEPTS.

- BACKTEST A CHOSEN TRADING STRATEGY AND ANALYZE ITS PROFITABILITY.

This curriculum provides a structured learning path, allowing learners to build their technical analysis skills from the basics to professional-level trading strategies.

**CERTIFICATION OF COURSE COMPLETION FROM RR VICTORY SOLUTIONS**

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