FINNITI

Basics of stock market

- **Introduction to Stock Market**
  - ✓ What is a stock?
  - ✓ Why do companies issue shares?
  - ✓ What is the stock market & how it functions?
  - ✓ History and evolution of Indian stock markets

- **Key Market Participants**
  - ✓ Investors vs Traders
  - ✓ Stock Exchanges: NSE, BSE
  - ✓ SEBI – Role and importance
  - ✓ Depositories: NSDL & CDSL
  - ✓ Brokers & Demat Accounts

- **Market Instruments**
  - ✓ Equity shares
  - ✓ Derivatives (Futures & Options - Intro only)
  - ✓ Bonds & Debentures
  - ✓ Mutual Funds
  - ✓ IPOs (Initial Public Offerings)

- **Understanding Stock Prices**
  - ✓ What drives stock prices?
  - ✓ Supply and Demand
  - ✓ Market sentiments and news impact
  - ✓ Bid, Ask, and Spread

- **Order Types & Trade Execution**
  - ✓ Types of Orders (Market, Limit, Stop Loss)
  - ✓ Types of Trades (Intraday, Delivery, Margin)
  - ✓ Basic understanding of Trading Platforms
  - ✓ How to place a trade in a live terminal

- **Stock Market Indices**
  - ✓ Nifty 50, Sensex – what they represent
  - ✓ Sectoral Indices
  - ✓ Global indices correlation

- **Basic Terminology**
  - ✓ Bull & Bear Market
  - ✓ Volume, Volatility, Liquidity
  - ✓ Circuit limits
  - ✓ Dividend, Bonus, Stock Split, Rights Issue

- **Myths vs Reality**
  - ✓ Debunking common myths (e.g., stock market is gambling)

- ✓ Realistic return expectations
- ✓ Discipline and psychology in trading/investing

Fundamental Analysis

- **Introduction to Fundamental Analysis**
  - ✓ What is Fundamental Analysis?
  - ✓ Approaches to Fundamental Analysis (Top-Down vs Bottom-Up)
  - ✓ Who Uses Fundamental Analysis?
  - ✓ Limitations & Criticisms of Fundamental Analysis

- **Key Steps in Fundamental Analysis**
  - ✓ Macro-Economic Analysis (GDP, Inflation, Interest Rates)
  - ✓ Economic Indicators & Business Cycles
  - ✓ Industry Analysis – Porter's Five Forces Model
  - ✓ Company Analysis – Qualitative & Quantitative
  - ✓ Financial Statement Analysis
  - ✓ Valuation Techniques Overview

- **Understanding Core Financial Concepts**
  - ✓ Time Value of Money (TVM)
  - ✓ Net Present Value (NPV) of Assets
  - ✓ Opportunity Cost and Discount Factors
  - ✓ Cost of Capital – WACC

- **Reading Financial Statements**
  - ✓ What is an Annual Report?
  - ✓ How to Use an Annual Report for Analysis
  - ✓ Key Components: Balance Sheet, P&L, Cash Flow
  - ✓ Director's & Auditor's Report
  - ✓ Schedule and Notes to Accounts

Intermediate Level

- **Balance Sheet Analysis**
  - ✓ Assets: Current vs Non-Current
  - ✓ Liabilities: Short-term vs Long-term
  - ✓ Shareholder's Equity & Capital
  - ✓ Important Balance Sheet Ratios
  - ✓ Reading Red Flags in Balance Sheets

- **Profit & Loss (Income) Statement Analysis**
  - ✓ Revenue Streams & Expense Breakdown
  - ✓ EBITDA, EBIT, Net Profit Margins
  - ✓ Earnings Per Share (EPS)
  - ✓ Connecting P&L with Balance Sheet

- **Cash Flow Statement Analysis**
  - ✓ Cash Flow from Operating Activities
  - ✓ Cash Flow from Investing Activities

- ✓ Cash Flow from Financing Activities
- ✓ Free Cash Flow Importance
- ✓ Detecting Liquidity Crisis

- **Financial Ratios & Interpretation**
  - ✓ Liquidity Ratios – Current Ratio, Quick Ratio
  - ✓ Profitability Ratios – ROE, ROCE, Gross Margin
  - ✓ Efficiency Ratios – Asset Turnover, Inventory Days
  - ✓ Leverage Ratios – Debt/Equity, Interest Coverage
  - ✓ Market Valuation Ratios – P/E, P/B, EV/EBITDA

Advanced Level

- **Advanced Valuation Techniques**
  - ✓ Intrinsic Value vs Market Price
  - ✓ Discounted Cash Flow (DCF) Valuation
  - ✓ Relative Valuation – P/E, PEG, EV/EBITDA
  - ✓ Sum-of-the-Parts (SOTP) Valuation
  - ✓ Valuation of Banks & Financial Firms
  - ✓ Valuing Startups and Loss-Making Companies

- **Sectoral & Thematic Analysis**
  - ✓ Banking & NBFC Sector Fundamentals
  - ✓ IT & Pharma Sector Analysis
  - ✓ FMCG vs Cyclical Industries
  - ✓ ESG (Environmental, Social, Governance) Trends
  - ✓ Thematic Investing (EVs, Renewable Energy, AI)

- **Practical Case Studies & Projects**
  - ✓ Live Company Report Analysis
  - ✓ Industry-Wise Financial Comparison
  - ✓ 10-Year Financial Trend of a Stock
  - ✓ Final Project: Publish a Stock Research Report

Technical Analysis

- **Introduction to Technical Analysis**
  - ✓ What is Technical Analysis?
  - ✓ Difference between Technical and Fundamental Analysis
  - ✓ Assumptions of Technical Analysis (Price discounts everything, History repeats, Price moves in trends)

- **Basics of Price Action**
  - ✓ Candlestick Charting (Types of charts: Line, Bar, Candlestick)
  - ✓ Understanding OHLC (Open, High, Low, Close)
  - ✓ Types of trends: Uptrend, Downtrend, Sideways
  - ✓ Support and Resistance – Identification and Importance

- **Candlestick Patterns**
  - ✓ Single Candle: Doji, Hammer, Shooting Star, Marubozu
  - ✓ Double Candle: Bullish/Bearish Engulfing, Piercing Pattern, Dark Cloud Cover
  - ✓ Triple Candle: Morning Star, Evening Star, Three White Soldiers, Three Black Crows
  - ✓ Psychology behind each pattern

- **Chart Patterns (Classical Technical Patterns)**
  - ✓ Reversal Patterns: Head & Shoulders, Double Top/Bottom
  - ✓ Continuation Patterns: Flags, Pennants, Triangles (Symmetrical, Ascending, Descending), Cup & Handle
  - ✓ Breakouts and breakdowns – Confirmation techniques

- **Major theories in Technical Analysis**

1. **Dow Theory (The Foundation of Technical Analysis)**
   Key Principles:
   - ✓ **The market discounts everything**
   - ✓ **Three trends exist simultaneously**:
     - Primary (long-term)
     - Secondary (corrections)
     - Minor (daily fluctuations)

   - ✓ **Three phases of market trends**:
     - Accumulation → Public Participation → Distribution
   - ✓ **Volume confirms the trend**
   - ✓ **Trends continue until reversal signals appear**

2. **Elliott Wave Theory**
   Core Concepts:
   - ✓ 5-wave pattern in trending phase (Impulse waves)
   - ✓ 3-wave pattern in correction phase (ABC Correction)
   - ✓ Fractals: Waves exist within waves

3. **Fibonacci Theory**
   Based on the Fibonacci sequence and golden ratio (61.8%, 38.2%, 23.6%).
   Applications:
   - ✓ Fibonacci Retracement: Identify support/resistance levels during corrections
   - ✓ Fibonacci Extensions: Predict price targets
   - ✓ Fibonacci Fans and Arcs (less common)

- **Technical Indicators & Oscillators**
  - ✓ RSI (Relative Strength Index) – Overbought/Oversold zones
  - ✓ MACD (Moving Average Convergence Divergence)
  - ✓ Bollinger Bands
  - ✓ ATR (Average True Range)
  - ✓ Moving Averages (SMA, EMA) – Golden Cross & Death Cross
  - ✓ ADX (Average Directional Index)
  - ✓ Supertrend
  - ✓ Exponential Moving Average (EMA)
  - ✓ Williams Fractals
  - ✓ Williams Alligator
  - ✓ Pivot Points

- **Volume Analysis**
  - ✓ Importance of Volume in confirmation
  - ✓ Volume & Price relationship
  - ✓ OBV (On-Balance Volume)
  - ✓ Accumulation/Distribution Indicator

- **Time Frame Selection**
  - ✓ Intraday vs Swing vs Positional Charting
  - ✓ Multi-time frame analysis
  - ✓ Which indicators suit which timeframes

- **Entry, Exit & Stop Loss Strategies**
  - ✓ How to define entry points using patterns or indicators
  - ✓ Stop-loss placement techniques
  - ✓ Risk-to-reward ratio understanding
  - ✓ Position sizing basics

- **Backtesting & Trading Psychology**
  - ✓ Importance of backtesting
  - ✓ Building a trading journal
  - ✓ Avoiding overtrading
  - ✓ Handling emotions in trading (Fear, Greed, Impatience)

- **Building a Trading System**
  - ✓ Combining 2–3 indicators or tools
  - ✓ Creating a rule-based system
  - ✓ Live demo of backtesting on TradingView

Future & Options
(From the universe of Derivatives)

- **Introduction to Derivatives**
  - ✓ What are Derivatives?
  - ✓ Types: Forwards, Futures, Options, Swaps (overview only)
  - ✓ Why Derivatives are used (Hedging, Speculation, Arbitrage)
  - ✓ Spot Market vs Derivatives Market

- **Futures Contracts**
  - ✓ What is a Futures Contract?
  - ✓ Contract specifications (Lot size, Tick size, Expiry, Margin, MTM)
  - ✓ Index Futures vs Stock Futures
  - ✓ Long vs Short Futures Positions
  - ✓ Margin requirements and leverage in futures
  - ✓ Futures Pricing & Cost of Carry Concept

- **Options Contracts – Basics**
  - ✓ What is an Option?
  - ✓ Call Option vs Put Option
  - ✓ Option Buyer vs Seller (Writer)
  - ✓ Strike Price, Premium, Expiry, ITM/ATM/OTM
  - ✓ Option Chain – How to read it

- **Options – Advanced Concepts**
  - ✓ Moneyness of Options
  - ✓ Option Greeks: Delta, Gamma, Theta, Vega, Rho (basic explanation)
  - ✓ Time Decay and Volatility Effect
  - ✓ Break-even Point Calculation
  - ✓ Intrinsic Value vs Time Value

- **Future & Option Strategies**
  - **Futures Strategies**
    - ✓ Long Futures
    - ✓ Short Futures
    - ✓ Hedging with Futures
    - ✓ Short Futures against cash holdings
    - ✓ Long Futures to hedge short delivery position

- **Options – Single-Leg Strategies**
  - ✓ Long Call
  - ✓ Long Put
  - ✓ Short Call
  - ✓ Short Put

- **Multi-leg (Spread) Strategies**
  - ✓ Bull Call Spread
  - ✓ Bear Put Spread

- ✓ Covered Call
- ✓ Protective Put

- **Neutral Market Strategies**
  - ✓ Long Straddle
  - ✓ Long Strangle
  - ✓ Short Straddle
  - ✓ Short Strangle

- **Advanced Neutral/Volatility Strategies**
  - ✓ Iron Condor
  - ✓ Iron Butterfly
  - ✓ Calendar Spread (Time Spread)

- **Hedging & Risk Management**
  - ✓ Using options to hedge equity portfolio
  - ✓ Portfolio insurance using Put Options
  - ✓ Stop-loss techniques in F&O
  - ✓ Risk-to-Reward evaluation
  - ✓ Importance of discipline & position sizing

- **F&O Expiry & Settlement**
  - ✓ Weekly vs Monthly Expiry
  - ✓ Physical vs Cash Settlement (recent SEBI rules)
  - ✓ How options expire (in-the-money vs out-of-the-money)

- **Regulatory Framework**
  - ✓ Role of SEBI in Derivatives market
  - ✓ F&O restrictions on retail investors
  - ✓ Ban Period (F&O Ban Stocks)
  - ✓ Margin rules (SPAN, ELM)

- **Practical: Strategy Building & Analysis**
  - ✓ Building directional & neutral strategies
  - ✓ Live market examples using chart + OI data
  - ✓ Backtesting basic option strategies
  - ✓ Paper Trading F&O

- **Common Mistakes to Avoid**
  - ✓ Over-leveraging
  - ✓ Misunderstanding time decay
  - ✓ Holding positions till expiry blindly
  - ✓ Emotional trading (FOMO, Greed)

Live training for one month (Free)

- **Take real trades, monitor positions, manage risk.**
  - ✓ Placing trades on live terminal (Zerodha, Angel One, etc.)
  - ✓ Using bracket/cover orders for safety
  - ✓ Live commentary on decision-making logic
  - ✓ Partial booking, trailing stop-loss techniques
  - ✓ Trade journaling: entry, exit, reason, outcome

- **Exit trades, learnings, prepare for next day.**
  - ✓ Square-off all intraday positions (if applicable)
  - ✓ Evaluate P&L, journal learnings
  - ✓ Note high OI stocks for next day setups
  - ✓ Prepare evening watchlist for gap-up/gap-down moves

- **Reflect, Learn & Strategize.**
  - ✓ Recording review of today's trades
  - ✓ Discussing missed opportunities and avoidable mistakes
  - ✓ Learning from the community/trainer feedback
  - ✓ Homework: 2–3 paper trades with analysis

- **Skills Students Will Develop**
  - ✓ Spotting entries in real-time
  - ✓ Discipline with stop-loss and target
  - ✓ Risk management under pressure
  - ✓ Handling losses and missed opportunities
  - ✓ Building trading confidence

Introduction to Algo trading, Algo Strategies and Implementation

- **What is Algo Trading?**
  - ✓ How it differs from manual trading
  - ✓ Real-world examples (e.g., HFT, market-making bots)

- **Why Algo Trading?**
  - ✓ Speed and efficiency
  - ✓ Elimination of emotional trading
  - ✓ Backtesting and optimization
  - ✓ Scalability for multiple strategies
  - ✓ Reduced human error

- **Basic Components of an Algo System**
  - ✓ Strategy Logic (technical indicators, price action, arbitrage)
  - ✓ Execution Layer (Broker APIs like Zerodha Kite, Angel SmartAPI)
  - ✓ Data Feed (Real-time and historical data)
  - ✓ Risk Management (Stop-loss, position sizing, capital allocation)

- **Types of Algo Strategies**
  - ✓ Trend-following (e.g., Moving Average Crossovers)
  - ✓ Mean Reversion
  - ✓ Arbitrage (Cash-Futures, Index)
  - ✓ Scalping Algorithms
  - ✓ News-based or Sentiment Analysis (advanced)

- **Backtesting and Paper Trading**
  - ✓ Importance of historical testing
  - ✓ How to measure accuracy, drawdown, Sharpe ratio
  - ✓ Using tools like Amibroker, Python Backtrader, QuantConnect

- **Career or Business Use Cases**
  - ✓ Freelance strategy developer
  - ✓ Algo strategy seller (on marketplaces)
  - ✓ Working with prop trading firms
  - ✓ Starting a quant trading desk

Concept of Risk Management and Discipline

- **Importance of Risk Management in Trading**
  - ✓ Why managing risk is more important than finding winning trades
  - ✓ Real-world examples of failure due to lack of risk control
  - ✓ Difference between professional and retail trader approach

- **Types of Risk in Stock Market**
  - ✓ Market Risk: Price fluctuation risk
  - ✓ Liquidity Risk: Inability to exit positions
  - ✓ Execution Risk: Slippage, order errors
  - ✓ Overtrading Risk: Fatigue and decision burnout
  - ✓ Emotional Risk: Fear, greed, revenge trading

- **Understanding Risk-Reward Ratio**
  - ✓ Concept of Reward:Risk (e.g., 2:1, 3:1)
  - ✓ How to calculate it before entering a trade
  - ✓ Filtering trades based on risk-reward potential
  - ✓ Risking ₹1 to make ₹2 or more consistently

- **Setting Stop Loss and Target**
  - ✓ Technical stop-loss (below support, ATR-based)
  - ✓ Psychological stop-loss (max daily loss)
  - ✓ Dynamic vs Fixed stop-loss
  - ✓ Trailing stop-loss for locking profits

- **Capital Protection Techniques**
  - ✓ Risk of ruin & compounding losses
  - ✓ Avoiding pyramiding and over-leverage
  - ✓ Daily/weekly drawdown limits
  - ✓ Why "no trade" is sometimes the best trade

- **Trading Discipline & Rules**
  - ✓ Sticking to strategy (no impulsive entries)
  - ✓ Following pre-market plan
  - ✓ Avoiding overtrading after 1–2 wins/losses
  - ✓ Consistent journaling of trades

- **Building a Trading Plan**
  - ✓ Entry/Exit rules
  - ✓ Risk per trade
  - ✓ Number of trades per day
  - ✓ Review frequency (daily/weekly)
  - ✓ Checklists before entering trades

- **Trader Psychology & Emotional Control**
  - ✓ Managing greed, fear, hope, FOMO

- ✓ Handling loss gracefully
- ✓ Confidence vs Overconfidence
- ✓ Developing patience and consistency

- **Trade Journal & Review**
  - ✓ What to record: Entry, exit, reason, outcome
  - ✓ Benefits of journaling mistakes & success
  - ✓ Reviewing trades weekly to improve
  - ✓ Tools: Excel, Notion, Trading journal apps

Mutual Funds

- **Introduction to Mutual Funds**
  - ✓ What is a Mutual Fund?
  - ✓ How it works (pooling money → fund manager → investment)
  - ✓ Who should invest in mutual funds?
  - ✓ Benefits over direct stock investment

- **Types of Mutual Funds**
  - ✓ Equity Funds (Large cap, Mid cap, Small cap)
  - ✓ Debt Funds (Liquid, Gilt, Short-term, Long-duration)
  - ✓ Hybrid Funds (Balanced, Aggressive hybrid)
  - ✓ Gold & Commodity Funds
  - ✓ Index Funds / ETFs
  - ✓ Growth Fund
  - ✓ Income Fund
  - ✓ Tax Saving Fund (ELSS)

- **Key Concepts & Terminologies**
  - ✓ NAV (Net Asset Value)
  - ✓ SIP (Systematic Investment Plan)
  - ✓ Lumpsum Investment
  - ✓ Expense Ratio
  - ✓ AUM (Assets Under Management)
  - ✓ Exit Load
  - ✓ Benchmark Index (e.g., Nifty 50)

- **Mutual Fund Returns**
  - ✓ Simple Return vs CAGR (Compounded Annual Growth Rate)
  - ✓ Absolute Return vs Annualized Return
  - ✓ Past performance analysis (1Y, 3Y, 5Y)

- **Investment Modes**
  - ✓ SIP – Benefits of compounding and rupee cost averaging
  - ✓ Lumpsum – When and how to invest
  - ✓ SWP (Systematic Withdrawal Plan)
  - ✓ STP (Systematic Transfer Plan)

- **Mutual Fund Myths vs Facts**
  - ✓ "You need a lot of money to invest"
  - ✓ "MFs guarantee returns"
  - ✓ "SIPs are only for small investors"
  - ✓ "Mutual funds are only for the long term"

NISM series 8

- **What is NISM Series VIII?**
  - ✓ **The** NISM Series VIII: Equity Derivatives Certification **is mandated by** SEBI **for individuals involved in trading, advisory, or dealing in** equity futures and options**.**

- **Top Benefits of Clearing NISM Series VIII**
  - ✓ Mandatory for Derivatives Segment Activation
  - ✓ Required to activate Futures & Options (F&O) segment in trading accounts (especially for sub-brokers, APs, dealers).
  - ✓ Helps in fulfilling SEBI compliance requirements.

- **Improves Career Opportunities**
  - ✓ Boosts eligibility for roles in:
    - Brokerage firms
    - Research & advisory companies
    - Trading desks
    - Financial institutions
  - ✓ Preferred for jobs like Dealer, Equity Analyst, or Derivatives Advisor

- **Strong Understanding of Derivatives**
  - ✓ Develops conceptual clarity on:
    - Futures, Options, Hedging, Arbitrage
    - Margin systems, settlement, and regulations
    - Option Greeks, strategy formulation
  - ✓ Builds confidence in handling real trades

- **Essential for Authorized Persons (APs) & Dealers**
  - ✓ APs and sub-brokers must hold this certification to operate in the F&O segment
  - ✓ Ensures ethical and compliant trading practices

- **Industry-Wide Recognition**
  - ✓ Recognized by SEBI, NSE, BSE, and all major financial intermediaries
  - ✓ Valid proof of your knowledge in equity derivatives

- **Certification Validity:**
  - ✓ Valid for 3 years
  - ✓ Can be renewed by re-appearing for the exam

Other features of the course

- Training sessions with mutual fund experts
- Certifications
- Premium membership of WhatsApp group for 1 year
- Session repetition provision for all students (Depends on batch availability)
- NISM Series 8 preparation
- Placement assistance