



## Workshop Description

In the last decade, the Capital Markets have grown exponentially and have generated many innovative products and opportunities. The TradeDesk Advanced workshops are designed for professionals to receive practical training in the areas of Investment Methods, Advanced Derivative Strategies, and Futures & Option Trading.

The participants of this workshop will learn all practical aspects of Investing and Trading, their design principles and usages. They will also learn about advanced institutional strategies and methods used in the global markets.

**This workshop will virtually transport the participants to the live Stock market to demonstrate the principals behind the discussed topics. This will give a real experience of the financial strategies. It will also assist them in their professional and personal investment decision process and financial domain careers.**

## About TRADEDESK

The founder began his financial career with Merrill Lynch Japan and has worked in many investment banks abroad, for more than 15 years. He is a professional trader and focuses on Market Analysis, Strategy Design, Algorithmic Trading and Portfolio Management.

**TRADEDESK is a leading Financial Research & Training organization. TradeDesk caters to a global client base for Strategy Development, Algorithmic Trading and Capital Market Training.**



**TRADEDESK**

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Radiant Arcade, East Street, Pune - 411001

## Advanced Capital Market Workshop

### Module 1 – Technical Trading in LIVE Markets

Live Market Analysis  
Futures, Currency Trading  
Strategy Design & Testing  
Right Trading Mindset  
Risk Management Techniques  
Analysis using Technical Methods  
Profitable Day Trading Strategy  
Long term Strategy for all Markets  
Investing Methods for Wealth Generation  
*Live Market Tools & Trading*  
*Real Money Trading Exercises*



### Module 2 – Advanced Derivatives in LIVE Markets

Options Pricing & Premium  
Hedging & Greeks  
Volatility & Time  
Expiration & Exercise  
Portfolio Protection  
Speculation with Options  
Risk Management with Options  
Bullish, Bearish & Neutral Strategies  
Option Strategies on Nifty & Stocks  
Structures & Case Studies  
*Live Market Tools & Trading*  
*Real Money Trading Exercises*

### Module 3 – Algorithmic Trading

Order Book  
Order Matching  
Alpha Algorithms  
Arbitrage Methods  
Execution Strategies  
Optimisation of Trades  
TWAP, VWAP Algorithms  
Target Close, Participate  
Barclays Case Study  
Transaction Cost Analysis  
High Frequency Trading



### Module 4 – Financial Modeling

- Excel Functions & macros
- Excel Pivot tables & Charts
- Basic Corporate Finance
- Derivative Structures
- Volatility Calculations
- Trading System Analysis
- Monte Carlo Simulation
- Exercises in VBA



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