**If you are determined to learn, no one can stop you.**

**Don’t front run, don’t Guess, don’t Gamble, Be surgical and reactive.**

The tallest mountains are conquered with the smallest steps. | A journey of a thousand miles begins with a single step

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| **Strategy** | **Price Action** | **Implied Volatility** | **Time Decay (Theta)** | **Gamma** | **Profit Potential** | **Risk** | **Notes** |
| Buy Call | Bullish | Increasing helps | Hurts | Helps | Unlimited | Limited | Profit if price increases significantly. Maximum loss is the premium paid. |
| Sell Put | Bullish | Decreasing helps | Helps | Hurts | Limited | Unlimited | Risk is limited to the premium received, but potential loss is high. |
| Buy Put | Bearish | Increasing helps | Hurts | Helps | Limited | Limited | Profit if price decreases significantly. Maximum loss is the premium paid |
| Sell Call (Covered) | Bullish | Decreasing helps | Helps | Hurts | Limited | Limited | Requires owning the underlying asset. |
| Bull Put spread | Bullish | Increasing helps | Hurts | Helps | Limited | Limited | Sell/Short: higher put = Sell 175 put  Buy/Long: lower put = Buy 165 put  Profit if stock price stays above 175  Executed when price is at Support |
| Bear Call spread | Bearish | Increasing helps | Hurts | Helps | Limited | Limited | Sell/Short: lower call = Sell 175 call  Buy/Long: higher call = Buy 185 call  Profit if stock price stays below 175  Executed when price is at Resistance |
| Debit Call Spread (Bull Call Spread) | Bullish | Increasing helps | Hurts | Helps | Limited | Limited | Buy a lower strike call and sell a higher strike call with the same expiration. Limits both profit and loss. Lower cost than buying a call outright. |
| Debit Put Spread (Bear Put Spread) | Bearish | Increasing helps | Hurts | Helps | Limited | Limited | Buy a higher strike put and sell a lower strike put with the same expiration. Limits both profit and loss. Lower cost than buying a put outright. |
| Collar (Buy Put/Sell Call) | Neutral/  Protective | Decreasing helps (ideally) | Complex | Complex | Limited | Limited | Long stock, buy an out-of-the-money put for downside protection, and sell an out-of-the-money call to finance the put. Limits both potential profit and loss. |
| Iron Condors | Neutral | Decreasing helps | Helps | Complex | Limited | Limited | Combines a short call spread and a short put spread with the same expiration. Aims to profit from low volatility and the price staying within a defined range. |
| Sell Call (Naked) | Bearish/  Neutral | Decreasing helps | Helps | Hurts | Limited | Unlimited | Profit is limited to the premium received. Significant risk of unlimited losses if the price rises sharply. Requires margin account. |

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| **Strategy** | **Price Action** | **Implied Volatility** | **Time Decay (Theta)** | **Gamma** | **Profit Potential** | **Risk** | **Notes** |
| Butterfly Spreads | Neutral | Decreasing helps | Helps (near expiry) | Complex | Limited | Limited | Typically constructed with calls or puts, aiming for profit within a narrow price range around the short strikes at expiration. |
| Calendar Spreads | Neutral/Time Decay | Increasing helps | Complex (near short expiry) | Complex | Limited | Limited | Long a further-dated option and short a near-dated option with the same strike. Profit from time decay of the short option and potential volatility increase. |
| Ratio Spreads | Bullish or Bearish | Volatility Dependent | Complex | Complex | Potentially Unlimited (risk also potentially unlimited) | Limited or Unlimited | Involves buying one option and selling more options at a different strike price in the same expiration. Asymmetrical risk/reward profile. |
| Ratio Calendar Spreads | Neutral/  Directional | Complex | Complex | Complex | Varies | Varies | Combines features of ratio spreads and calendar spreads, creating a more complex and customizable risk/reward profile over time. |
| Straddles | Highly Volatile | Increasing helps | Hurts | High Positive | Unlimited | Limited | Buy a call and a put with the same strike price and expiration. Profit if the price moves significantly in either direction. |
| Strangles | Highly Volatile | Increasing helps | Hurts | High Positive | Unlimited | Limited | Buy a call and a put with different strike prices but the same expiration. Less expensive than a straddle but requires a larger price move to become profitable. |
| Synthetic Calls | Bullish | Increasing helps | Hurts | Helps | Unlimited | Limited | Created by buying a stock and a put option. Mimics the payoff of a long call option. |
| Synthetic Puts | Bearish | Increasing helps | Hurts | Helps | Limited | Unlimited | Created by shorting a stock and buying a call option. Mimics the payoff of a long put option. |