**Step 1: Evaluating Options Flow**

* **SPX Current Price:** **6,080.93**
* **Call Side:**
  + High open interest near 6,100-6,150 strikes.
  + Volume and delta suggest interest in slightly OTM calls.
  + Strong activity at 6,100 (OI: 11,280, Volume: 12,078).
* **Put Side:**
  + High open interest at 6,000-6,020.
  + Strong put volume at 6,020 and 6,000 strikes.
  + 6,020 has notable open interest and delta at -0.20.

**Step 2: Predict Market Total Range Movement**

* **Implied Move (IV-Based Prediction):**
  + **High:** **~6,125 - 6,150**
  + **Low:** **~6,040 - 6,000**
  + **Total Range:** ~125-150 points

**Step 3: Strength of Movement**

* The expected move of **125-150 points** suggests a **moderate** range.
* **Classification:** **Mid to Strong Movement** (based on volatility).

**Step 4: Market Trend Analysis**

* **Calls have higher volume and open interest concentration at 6,100-6,150.**
* **Puts have open interest at 6,020-6,000 but lower volume.**
* **Trend Prediction:** **Bullish to Neutral** (Momentum slightly favors upside movement).

**Step 5: Best OTM Call & Put Strike Prices**

* **Call Entry:** **6,100 Strike** (Ideal balance of liquidity & probability ITM).
* **Put Entry:** **6,020 Strike** (Lower risk, still in play if the market retraces).

**Step 6: Predicted Trend for Call or Put**

* **Call Bias:** Higher probability of upward movement toward 6,100-6,150.
* **Puts are more protective, not aggressively traded.**
* **Overall Predicted Direction:** **Bullish Bias – Calls Preferred.**

**Step 7: Specific Trade Setup (Risk-Reward)**

**Bullish Trade (Call Setup)**

* **Trade:** **Buy SPX 6,100 Call**
* **Entry Price:** ~$13.90 (Based on bid/ask spread)
* **Target Exit Price:** ~$35.00 (100%+ gain if SPX rallies to 6,125+)
* **Stop-Loss:** $7.00 (Limit downside risk to 50%)
* **Risk-Reward Ratio:** ~1:2.5

**Hedge (Put Setup)**

* **Trade:** **Buy SPX 6,020 Put**
* **Entry Price:** ~$6.90
* **Target Exit Price:** ~$15.00 (In case of market pullback)
* **Stop-Loss:** $3.50
* **Risk-Reward Ratio:** ~1:2.2

**Final Conclusion:**

* **Overall Sentiment:** Bullish Bias
* **Best Trade:** **Buying the 6,100 Call** with a stop-loss and upside target.
* **Hedge:** **Buying the 6,020 Put** as insurance against downside risks.
* **Expected Move:** **Moderate to Strong (125-150 points range).**

This setup balances **high reward with controlled risk**, aligning with market expectations