FOR PREDICTION MARKETS

OpticOdds for Prediction Markets.

One API for real-time prices, order book depth, and pricing across every major prediction market exchange.

THE PROBLEM

Building direct integrations with every exchange is expensive and fragile.

Find out more ↗

01

A different API for every exchange

Each venue ships its own data format, identifiers, and rate limits, and no two integrations look alike.

02

Speed and precision can't be traded off

If your feed lags or drops depth data, you're pricing on stale information, in a market where milliseconds and basis points decide who eats the loss.

03

Depth and liquidity are hard to read

Without full book depth and limits, you can't gauge available liquidity or model slippage before you trade.

04

In-house maintenance doesn't scale

Every new venue and schema change is engineering time spent on plumbing instead of strategy.

THE SOLUTION

One integration. Every major exchange. Normalized.

Aggregated exchange prices

Real-time odds across every exchange in a single normalized feed.

Stop stitching together six data formats to see one true price.

Order book depth

Bid/ask levels with the size available at each price point.

Know your fill before you place the order, not after.

Native exchange IDs

Map every selection back to the exchange for direct order routing.

Route straight to execution, no manual lookup between discovery and trading.

Streaming updates

SSE-powered real-time feeds for odds and results.

Never trade on a quote that's already gone.

Limits data

Max-stake info to understand the liquidity actually available.

A great price you can't size into isn't a great price.

Historical prices

Full tick-level history for backtesting and research.

Validate a strategy before you risk capital on it.

CANONICAL EVENTS · CROSS-PLATFORM MATCHING

Know that a Kalshi market and a Polymarket market are the same bet.

Find out more ↗

There's no shared key between exchanges. Matching the same bet across Kalshi and Polymarket normally means building, and constantly repairing, your own mapping table by hand.



`canonical_id`

Groups the same real-world event across every platform, even when each exchange names and structures it differently.

`canonical_market_id`

The join key. When the same value appears under Kalshi and Polymarket, they're the identical outcome, no fuzzy string-matching, no guesswork.

`confidence 0–1`

How certain the match is, so you can gate real-money strategies to high-confidence links (e.g. ≥ 0.95) and leave the rest for review.

WITHOUT OPTICODDS

Custom scrapers per exchange, hand-built mapping tables, constant breakage as markets change.

WITH OPTICODDS

One canonical key, a confidence score, delivered in a normalized feed.

EXCHANGE COVERAGE

Deep coverage across regulated exchanges, crypto markets, and betting exchanges.

K **Kalshi**
CFTC-regulated event contracts

N **Novig**
Zero-vig exchange model

SX **SX Bet**
Crypto sports exchange, peer-to-peer matching

PX **ProphetX**
Peer-to-peer betting exchange

DK **DraftKings Predictions**
CFTC-regulated event contracts

P **Polymarket** + Polymarket USA
Crypto-based, very high liquidity, 24/7 trading

BF **Betfair Exchange** back · lay · AU
World's largest exchange, deepest sports liquidity

ST **Sporttrade**
US-regulated sports exchange

BD **BetDEX**
Solana-based decentralized exchange

Filter to the exchanges you care about, delivered in one normalized feed.

MARKET COVERAGE & EXPANSION

Sports today. Politics, finance, crypto, and culture already live and expanding.

SPORTS

NBA | NFL | MLB | NHL | Soccer | Tennis | MMA | Cricket | Esports | Boxing | + more

Traded on exchange order books, with moneyline, spreads, totals, and player props.

NON-SPORT MARKETS · KALSHI + POLYMARKET

Politics | Finance | Crypto | Tech | Culture | Geopolitics | Economics | Climate | Health | Companies

> "Who wins the FL-20 Democratic primary?"
>
> "Will the Fed cut rates in September?"
>
> "Will BTC close above $120k Friday?"

Prediction markets don't stop at the final whistle. The same infrastructure that prices a moneyline prices a Fed decision, which means **one integration extends your addressable market instead of requiring a second one.**

PREDICTION MARKET BET SETTLEMENT

Sports and non-sport prediction markets, settled from one feed.

SPORTS MARKETS

NBA · NFL · MLB · NHL · Soccer · Tennis · + more

Moneyline, spreads, totals, and player props, each selection graded on its own.

NON-SPORT MARKETS

Elections · Economics · Crypto · Culture · + more

Resolved through the same API you already use for sports.

A CLEAR RESULT FOR EVERY SELECTION

- **Won**
- **Lost**
- **Refunded** voids & pushes

Prices, settlement, and dashboard in one place. **No need for one provider for sports and another for everything else.**

ORDER BOOK DEPTH

See the full depth of book, not just the top price.

PRICE	SIZE
0.68	1,240
0.67	3,010
0.66	5,480
SPREAD	0.01
0.65	6,120
0.64	2,760
0.63	980

order_book: [price, size] levels

WHY IT MATTERS

- → Calculate the true bid/ask **spread**.
- → Assess **liquidity** at every price point.
- → Model **depth and slippage** before you trade.
- → Spot **cross-exchange arbitrage**.

Delivered via real-time streaming.

NATIVE IDS & ORDER ROUTING

Discover on OpticOdds. Execute on the exchange.

STEP 1 · DETECT

OpticOdds detects the opportunity

Normalized prices and depth across every exchange.

→

STEP 2 · MAP

source_ids

`market_id · selection_id`

Native exchange identifiers, with no mapping tables.

→

STEP 3 · EXECUTE

Order placed on the exchange

Directly against the venue's own native API.

Unified strategies

Run multi-exchange strategies without per-venue mapping tables.

Limits

Know the max stake available at the best price before routing.

exclude_fees=true

Pull raw pre-fee prices for clean fair-value comparison.

REAL-TIME STREAMING

Stream, don't poll. Get real-time prices and order book updates.

1. **Snapshot on startup**, then switch to a live SSE stream.
2. **Automatic reconnection** with backoff, so the feed heals itself.
3. **Timestamps on every update** to detect and drop stale quotes.

WHY IT MATTERS

- → A feed that silently drops packets is worse than no feed: you'll trade on prices that no longer exist.
- → Reconnection with backoff means a network blip costs you seconds, not the rest of the session.
- → Timestamped ticks let you build your own staleness thresholds instead of trusting ours blindly.



COMBO MARKETS · SGP PRICER

Correlation-adjusted pricing for combo markets.

As exchanges add combo bets, naively multiplying leg probabilities misprices correlated outcomes. The **SGP Pricer** models the relationships between legs and returns a fair combined price.

- ✓ Price combos accurately
- ✓ Quote your own combos
- ✓ Identify mispriced combos
- ✓ Spot cross-exchange combo arbitrage

3,000+	1,500+	30+	1M+
UNIQUE MARKETS	MARKETS PER EVENT	LEAGUES	ODDS PRICED / SECOND

WHY OPTICODDS · FULL OFFERING

Everything you need to price, trade, and settle prediction markets.

Discover
- Sports & leagues
- Markets
- Active fixtures

→

Price
- Aggregated odds
- Order book depth
- SGP Pricer

→

Execute
- Native source IDs
- Limits
- exclude_fees

→

Manage
- Results streaming
- Sports & non-sport settlement
- Historical backtesting

- **A single normalized API** across every exchange.
- **170+ traditional sportsbooks** alongside exchanges, with sharp books like Pinnacle & Circa as fair-value references.
- **Canonical cross-platform matching** for arbitrage and hedging.
- **Correlation-aware pricing** for combo and multi-leg markets.

GET STARTED

Ready to build on OpticOdds?

Contact your OpticOdds account team to get set up, and start pricing, routing, and settling prediction markets on one API.

Talk to sales ↗ Visit website ↗