



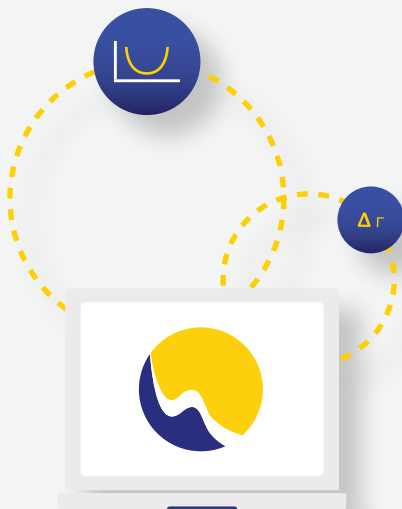
IvyDB US

Historical option pricing data, volatility, and analytics.

The industry standard for comprehensive historical option pricing data and accurate implied volatility calculations and greeks for the US listed options markets. Designed specifically for empirical research, IvyDB US allows you to backtest strategies, evaluate risk models, and perform sophisticated research on various aspects of derivatives trading.

Features:

- Every option, every day since January 1996
- Clean and reliable historical data
- Best bid and ask quotes for each strike and expiration, plus underlying prices
- Implied volatility and greeks for each option
- Volume and open interest for each option
- Correct implied volatility models (a multi-thousand step binomial tree for American options; discrete dividend projections)
- Historical dividends and corporate actions
- Daily volatility surfaces (put and call) for each underlying security
- Over 10,000 underlying stocks and indices
- CUSIP and ticker information
- Unique Security IDs for easy backtesting regardless of CUSIP or ticker changes, or mergers
- Daily zero curves





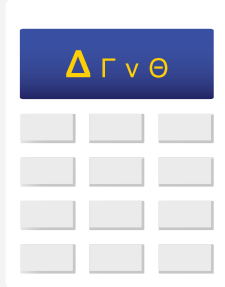
Efficient data delivery.

IvyDB US is provided in zipped text files organized in a relational structure. The data comes ready for loading into the database management system of your choice at your location. You can easily access IvyDB US with your preferred research and analysis applications as well as spreadsheets and statistical applications like Excel, SAS, S-PLUS, MATLAB, and others. Nightly updates are provided via FTP.



Smoothed daily volatility surfaces.

IvyDB US includes a kernel-smoothed constant expiration volatility surface file for each stock and index. Deltas between 10 and 90 are provided, with increments of 5 (negative for puts), and expirations from 10 days to 2 years. Now you can calculate skew and term structures, compute volatility surface dynamics, factor structures, and correlations without any additional data cleaning or preparation.



Accurately calculated volatility and greeks.

Each daily closing option price is provided with accurately calculated implied volatility, delta, gamma, vega, and theta, using industry-standard algorithms that account for American exercise and discrete dividend payments.

Common applications:

- Correlations in volatility across underlying stocks/indices
- Statistical properties of the volatility surface
- Smile/skew/term structure trends
- Dispersion trading
- Credit trading
- Variance swaps trading
- Efficiency tests
- Technical strategies
- Cheap/dear analysis