

Complete Bitcoin Data Collection Report

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This report consolidates Bitcoin price data from multiple sources for comprehensive analysis.

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Data Sources Summary

Total data sources processed: 4

- **Investing.com**: Historical Bitcoin price data via web scraping
- **Yahoo Finance**: Historical price data via yfinance API
- **CoinMarketCap**: Current market data via API
- **Combined Dataset**: Standardized data from all sources

Investing.com Data

Source: <https://www.investing.com/crypto/bitcoin/historical-data>

Method: Web scraping via Crawl4AI

Records: 32 data points

Date Range: Jul 09, 2025 to Aug 09, 2025

Latest Price: 116916.8

Recent Data (Last 10 Records)

Date	Price	Open	High	Low	Volume	Change %
Aug 09, 2025	116916.8	116676.5	117893.0	116357.7	37.23K	+0.21%
Aug 08, 2025	116676.3	117480.5	117625.1	115917.8	39.88K	-0.68%
Aug 07, 2025	117480.5	115002.1	117628.4	114267.3	47.52K	+2.16%
Aug 06, 2025	115002.1	114131.7	115714.0	113361.2	34.73K	+0.76%
Aug 05, 2025	114139.1	115055.3	115111.7	112678.9	41.41K	-0.80%
Aug 04, 2025	115055.3	114213.1	115720.9	114116.1	36.55K	+0.74%
Aug 03, 2025	114213.1	112547.9	114758.4	111992.4	27.15K	+1.48%
Aug 02, 2025	112547.7	113306.4	114050.0	112015.5	38.34K	-0.67%
Aug 01, 2025	113312.1	115766.7	116054.6	112760.6	77.85K	-2.12%
Jul 31, 2025	115765.0	117840.4	118920.7	115510.0	56.43K	-1.76%

Yahoo Finance Data

Source: Yahoo Finance API
Method: yfinance Python library
Symbol: BTC-USD

Records: 180 data points
Date Range: 2025-02-09 to 2025-08-09
Current Price: \$116,918.49

Recent Data (Last 10 Records)

Date	Open	High	Low	Close	Volume
2025-07-29	\$117,938.59	\$119,273.87	\$116,987.37	\$117,922.15	68,463,107,433
2025-07-30	\$117,921.99	\$118,780.73	\$115,800.83	\$117,831.19	68,896,148,592
2025-07-31	\$117,833.63	\$118,919.98	\$115,505.22	\$115,758.20	69,370,346,018

Date	Open	High	Low	Close	Volume
2025-08-01	\$115,738.95	\$116,060.77	\$112,724.45	\$113,320.09	91,294,530,181
2025-08-02	\$113,320.39	\$114,021.60	\$112,005.77	\$112,526.91	56,870,866,000
2025-08-03	\$112,525.80	\$114,747.42	\$111,943.80	\$114,217.67	48,099,615,826
2025-08-04	\$114,223.92	\$115,729.47	\$114,130.41	\$115,071.88	35,783,028,986
2025-08-05	\$115,072.19	\$115,117.44	\$112,701.11	\$114,141.45	61,039,182,286
2025-08-07	\$115,030.05	\$117,676.91	\$114,279.71	\$117,496.90	64,051,649,681
2025-08-09	\$116,688.75	\$117,797.77	\$116,379.14	\$116,918.49	56,290,922,496

CoinMarketCap Data

Source: CoinMarketCap Pro API

Method: REST API call

Data Type: Current market data

Current Market Information

- **Price:** \$116,918.49
- **24h Volume:** \$56,290,921,804
- **Market Cap:** \$2,327,147,786,057
- **1h Change:** -0.04%
- **24h Change:** 0.48%
- **7d Change:** 3.24%
- **Last Updated:** 2025-08-09T15:22:00.000Z

Combined Dataset

Description: Standardized and merged data from all available sources

Purpose: Comprehensive dataset for analysis and trading strategies

Total Records: 181 data points

Date Range: 2025-02-09 00:00:00 to 2025-08-09 00:00:00

Combined Data Distribution

- **yahoo:** 180 records (99.4%)
- **investing:** 1 records (0.6%)

Data Quality Summary

Quality Metrics

- **Total Records:** 181
- **Total Columns:** 7

Missing Values

- **date:** 1 missing (0.6%)
- **open:** 1 missing (0.6%)
- **high:** 1 missing (0.6%)
- **low:** 1 missing (0.6%)
- **close:** 1 missing (0.6%)
- **volume:** 1 missing (0.6%)

Price Statistics

- **Mean Price:** \$99,348.75
- **Min Price:** \$76,271.95
- **Max Price:** \$119,995.41
- **Standard Deviation:** \$12,137.73

Data Anomalies

- **Negative/Zero Prices:** 0
- **Extreme Daily Changes (>50%):** 0

Report generated by Bitcoin Trading Agent - Data Collection Module

Timestamp: 2025-08-09 20:23:46