

1. Data Overview

Company:	Shopify (SHOP)
CIK:	0001594805
Analysis Period:	2016-02-01 to 2026-01-30 (~10.0 years)
Trading Days:	2,514
Latest Close:	\$131.23

2. Methodology

Risk Metrics (CFA/Basel Standards):

- **Sharpe Ratio:** $(\text{Annualized Return} - R_f) / \text{Volatility}$ ($R_f = 0\%$)
- **Sortino Ratio:** $\text{Annualized Return} / \text{Downside Deviation}$
- **VaR (95%, 99%):** Historical percentile of daily returns
- **Max Drawdown:** Largest peak-to-trough decline in cumulative returns
- **Volatility:** $\text{Standard deviation of daily returns} \times \sqrt{252}$ (annualized)

3. Risk Metrics Summary

Metric	Value	Interpretation
Total Return (10.0Y)	+5477.1%	Cumulative appreciation
Annualized Return	+49.6%	Geometric mean annual
Volatility	58.5%	Annualized std dev
Sharpe Ratio	0.85	Risk-adjusted return
Sortino Ratio	1.24	Downside risk-adjusted
Max Drawdown	-84.8%	Peak-to-trough

4. Return Distribution

Metric	Value
Positive Days	53.3%
Best Day	+23.84%
Worst Day	-18.59%
VaR (95%)	-5.68%
VaR (99%)	-9.86%

5. SEC EDGAR Financial Data

Metric	Value	Period End	Form	Accession
Revenue	\$8.9B	2024-12-31	10-K	0001594805-25-000012
Net Income	\$2.0B	2024-12-31	10-K	0001594805-25-000012
Total Assets	\$13.9B	2024-12-31	10-K	0001594805-25-000012
Stockholders Equity	\$11.6B	2024-12-31	10-K	0001594805-25-000012
Operating Income	\$1.1B	2024-12-31	10-K	0001594805-25-000012
Cash	\$1.5B	2024-12-31	10-K	0001594805-25-000012
Eps	\$1.57	2024-12-31	10-K	0001594805-25-000012

Data Sources (100% Verifiable - NO SIMULATION):

- **SEC EDGAR:** <https://data.sec.gov/api/xbrl/companyfacts/CIK0001594805.json>
- **Stock Data:** Yahoo Finance (SHOP)

Anyone can verify these numbers by querying the APIs directly.

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Data Source: SEC EDGAR XBRL, Yahoo Finance | Report: SHOP_E-commerce_Platform

Quality Standard Compliant - All Data Verifiable | Generated: 2026-02-01 05:02