

Summary Statistics with df.describe()

Stock	Count	Mean	Std	Min	25%	50%	75%	Max
AAPL	252	0.08	1.80	-8.20	-1.00	0.05	1.10	7.50
MSFT	252	0.06	1.50	-6.50	-0.80	0.04	0.90	6.20
GOOG	252	0.05	2.10	-9.10	-1.20	0.03	1.30	8.80
AMZN	252	0.10	2.50	-11.50	-1.40	0.08	1.50	10.20

Additional Statistics (Beyond describe())

Skewness:	df.skew()	Kurtosis:	df.kurtosis()
	Asymmetry of distribution		Tail heaviness
Variance:	df.var()	Mode:	df.mode()
	Squared standard deviation		Most frequent value
Range:	df.max() - df.min()	CV:	df.std() / df.mean()
	Spread of data		Coefficient of variation

Usage: stats = df['returns'].describe() | full_stats = df.agg(['mean', 'std', 'skew', 'kurtosis'])