



LESSON NOTES

# ALT FINS Education

Crypto Technical analysis (TA) and trading using **altFINS** platform

LESSON NOTES

# Lesson 1: altFINS Platform Overview

**Patterns:** automated chart pattern recognition

**Curated Charts:** in-house analyst team's recommendations

**Signals Summary:** pre-defined market filters

**Screener:** custom filter

**Watchlist:** track your favs

**Alerts:** notifications

**News & Events:** aggregated twitter news from thousands of projects

**Portfolio:** monitor your positions across exchanges

**Trading:** trade across exchanges with simple unified user interface

# Lesson 1: What is Technical Analysis (TA)

TA helps traders identify trading opportunities with higher success probability.

TA uses price, volume and other indicators to identify trends and investor sentiment (bullish, bearish) to help predict future price movements.

Various indicators are used to determine entry and exit points to maximize a trade's potential at good risk-rewards ratios.

# Lesson 1: Popular Indicators for TA

The most popular indicators for technical analysis include:

- Moving Averages (MA)
- Relative strength index (RSI)
- Moving average convergence divergence (MACD)

Moving averages and MACD are often used to identify trends in the market while the RSI is typically used to determine possible entry and exit points.

Indicators assist traders in analyzing the market, validating trade set ups and determining entry points.

# Lesson 1: Charts

## Charts are key to technical analysis

- Starting point for analysis of a potential trade
- Help determine the overall trend, whether there's an upward or downward trend, either over the long or short term or to identify range bound conditions.
- The most common types of technical analysis charts are line charts and candlestick charts.

# Lesson 1: Line vs. Candlestick Charts

## Line Chart

Displays closing prices only.

Closing price – end of interval (day, hour, ...)

Simplistic overview, easy to understand

Useful for studying long-term trend

Identify long-term support and resistance levels

## Candlestick

“Japanese Candlesticks” Originated in Japan in mid-1600s to trade rice futures.

Most popular chart type for TA

OHLC (**O**pening, **H**igh, **L**ow, **C**lose)

Real Body (Open-Close)

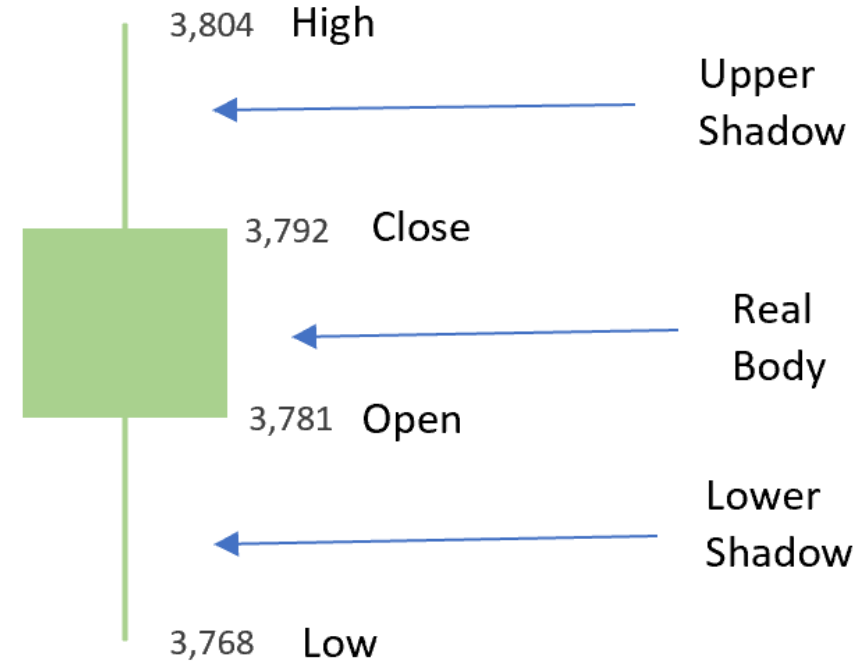
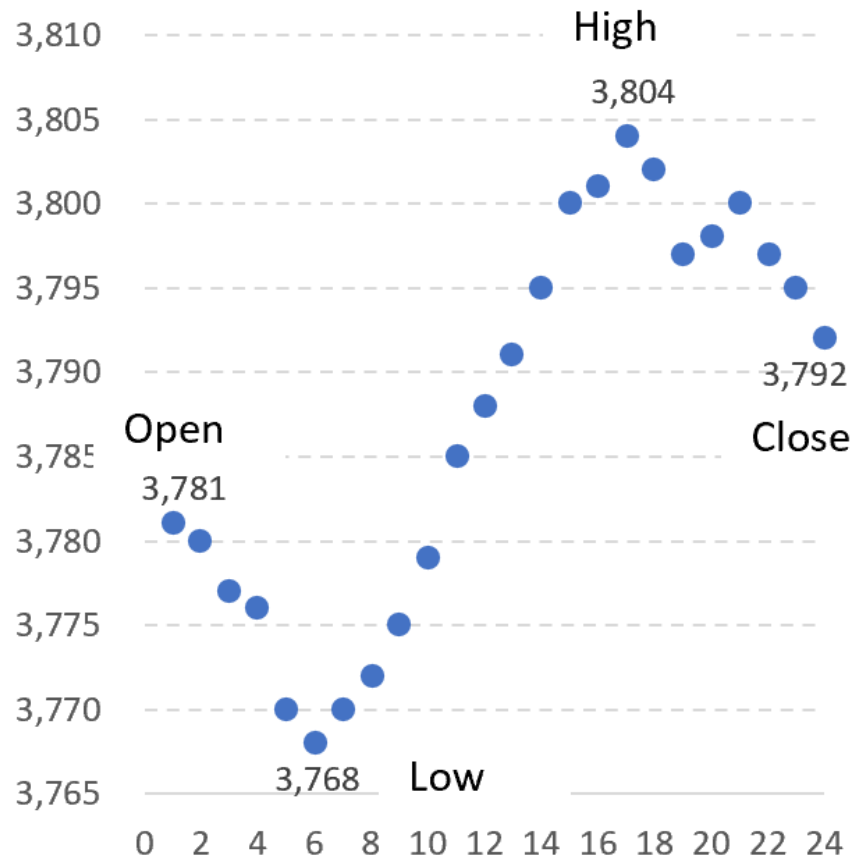
Green if closed Up / Red if closed down

Shadows – price extremes:

- Upper Shadow (High price) – called wick
- Lower Shadow (Low price)

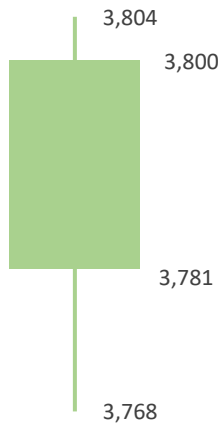


# Lesson 1: Candlestick

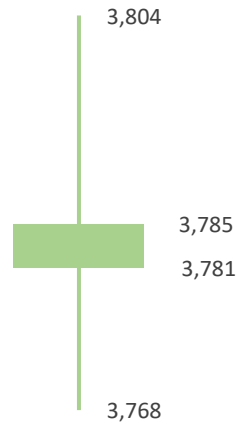


# Quiz: Candlestick – which is more bullish?

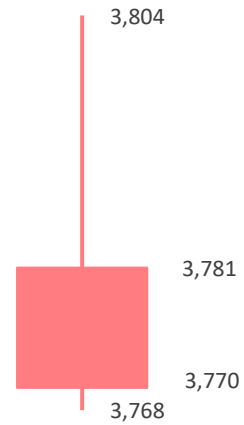
**A.**



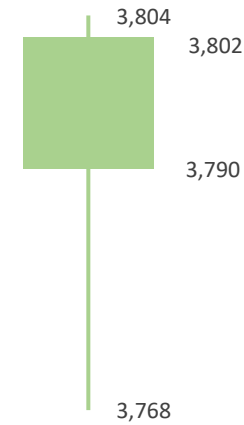
**B.**



**C.**

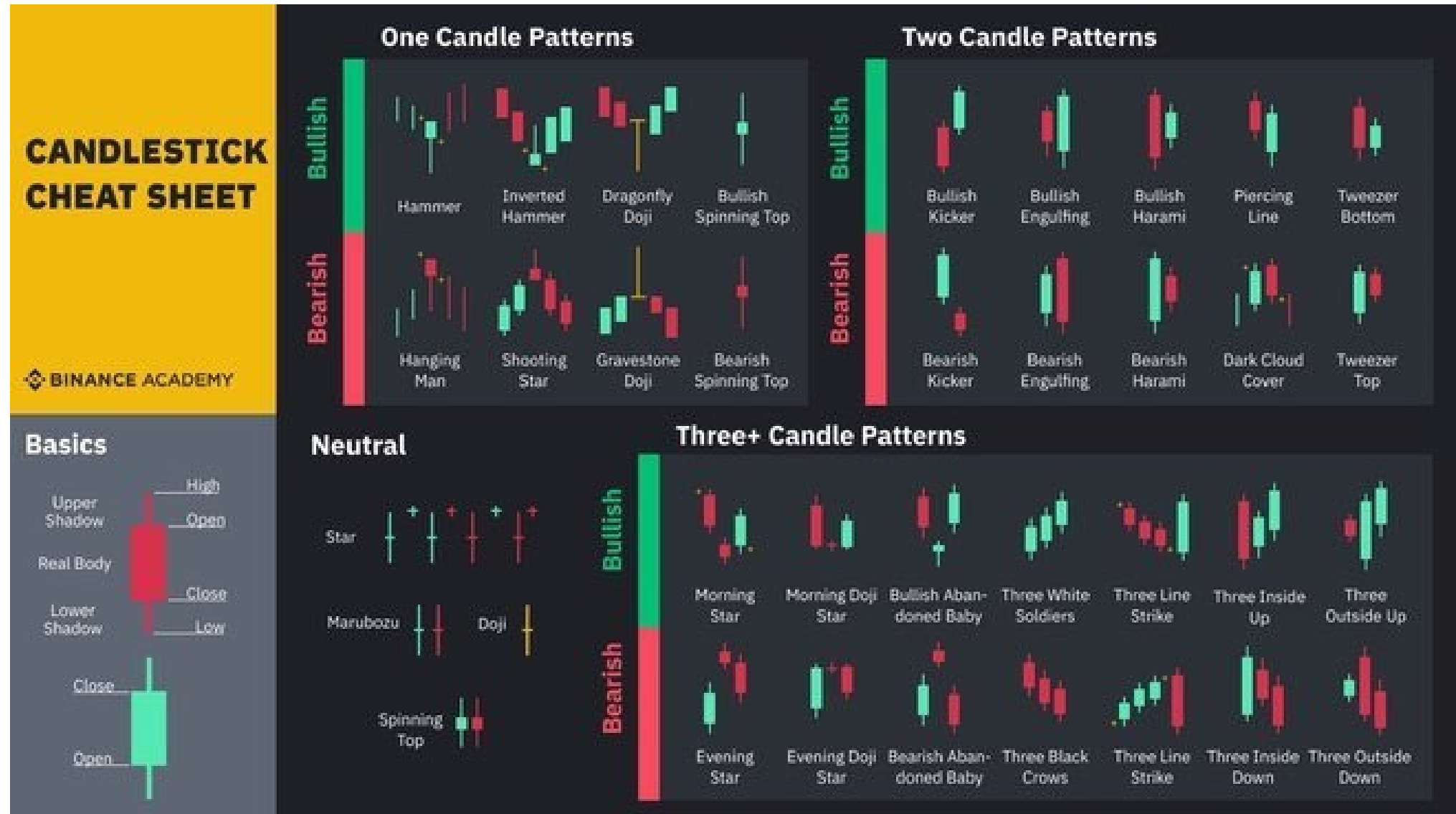


**D.**





# Lesson 1: Examples of Candlestick Patterns



# Lesson 1: Time Interval Selection

**Depends on trader's experience.**

**Same indicators and strategies work across all time intervals.**

- altFINS has 5 time intervals: 15min, 1H, 4H, 12H, 1D
- Each chart candle represents one interval (15 min, 1H, etc.)

## **High Intervals (1D, recommended):**

- Slower pace of changes
- Less frequent trade signals
- Trades last longer (days) but with bigger profit potential
- Recommended for beginners and moderately experienced traders