

detect_direction_change(series: pd.Series): pd.Series

detect_flat_state(series: pd.Series, threshold: float): pd.Series

submit b

upload_btn

process data() setup_ui()

get current timestamp():

handle_duplicates(file_path)

tenkan period: int

z score: float

calculate_ichimoku(): None

validate_data(data: pd.DataFrame)

check_duplicates(file_path)

process_and_save()

set_file_path(file_path)

validate_dataframe(df: pd.DataFrame, required_columns: List[str]): bool

get_connection()

id : Optional[int]

low: float

LABEL : str

LINE EDIT:

MAIN WINDOW

id : Optional[int] TimeframeConverter resample ohlcv(df: pd.DataFrame, timeframe: str): pd.DataFrame

test indicator calculations()

test_strategy_with_empty_data()
test_strategy_with_invalid_config()

test_strategy_initialization()

test hln calculation()

TradingSignal

test_check_duplicates(mock_read_cs test_process_and_save(mock_read_c. test_set_file_path()

test_drop_market_data() test_get_connection(mock

test_calculate_ichimoku()

test_calculate_hln_lines() |

setUp()