
AgentStateData
end_date : str
portfolio
start_date : str
ticker_analyses : dict[str, TickerAnalysis]
tickers : list[str]
portfolio
LLMModel
display_name : str
model_name : str
provider
has_json_mode(): bool
is_deepseek(): bool
is_gemini(): bool
to_choice_tuple(): Tuple[str, str, str]
provider
AgentProgress
agent_status : Dict[str, Dict[str, str]]
live : Live
started : bool
table : Table
start()
stop()
update_status(agent_name: str, ticker: Optional[str], status: str)
AgentState
data : Annotated[dict[str, any], merge_dicts]
messages : Annotated[Sequence[BaseMessage], operator.add]
metadata : Annotated[dict[str, any], merge_dicts]
Portfolio
positions : dict[str, Position]
total_cash : float
AgentStateMetadata
model_config : dict
show_reasoning : bool
AnalystSignal
confidence : float | None
max_position_size : float | None
reasoning : dict | str | None
signal : str | None
Backtester
agent : Callable
end_date : str
initial_capital : float
margin_ratio : float
model_name : str
model_provider : str
portfolio : dict
portfolio_values : list
selected_analysts : list[str]
start_date : str
tickers : list[str]
analyze_performance()
calculate_portfolio_value(current_prices)
execute_trade(ticker: str, action: str, quantity: float, current_price: float)
parse_agent_response(agent_output)
prefetch_data()
run_backtest()
BenGrahamSignal
confidence : float
reasoning : str
signal : Literal['bullish', 'bearish', 'neutral']
BillAckmanSignal
confidence : float
reasoning : str
signal : Literal['bullish', 'bearish', 'neutral']
Cache
get_company_news(ticker: str): list[dict[str, any]] | None
get_financial_metrics(ticker: str): list[dict[str, any]]
get_insider_trades(ticker: str): list[dict[str, any]] | None
get_line_items(ticker: str): list[dict[str, any]] | None
get_prices(ticker: str): list[dict[str, any]] | None
set_company_news(ticker: str, data: list[dict[str, any]])
set_financial_metrics(ticker: str, data: list[dict[str, any]])
set_insider_trades(ticker: str, data: list[dict[str, any]])
set_line_items(ticker: str, data: list[dict[str, any]])
set_prices(ticker: str, data: list[dict[str, any]])
CathieWoodSignal
confidence : float
reasoning : str
signal : Literal['bullish', 'bearish', 'neutral']
CharlieMungerSignal
confidence : float
reasoning : str
signal : Literal['bullish', 'bearish', 'neutral']
CompanyNews
author : str
date : str
sentiment : str | None
source : str
ticker : str
title : str
url : str
CompanyNewsResponse
news : list[CompanyNews]
FinancialMetrics
asset_turnover : float | None
book_value_growth : float | None
book_value_per_share : float | None
cash_ratio : float | None
currency : str
current_ratio : float | None
days_sales_outstanding : float | None
debt_to_assets : float | None
debt_to_equity : float | None
earnings_growth : float | None
earnings_per_share : float | None
earnings_per_share_growth : float | None
ebitda_growth : float | None
enterprise_value : float | None
enterprise_value_to_ebitda_ratio : float | None
enterprise_value_to_revenue_ratio : float | None
free_cash_flow_growth : float | None
free_cash_flow_per_share : float | None
free_cash_flow_yield : float | None
gross_margin : float | None
interest_coverage : float | None
inventory_turnover : float | None
market_cap : float | None
net_margin : float | None
operating_cash_flow_ratio : float | None
operating_cycle : float | None
operating_income_growth : float | None
operating_margin : float | None
payout_ratio : float | None
peg_ratio : float | None
period : str
price_to_book_ratio : float | None
price_to_earnings_ratio : float | None
price_to_sales_ratio : float | None
quick_ratio : float | None
receivables_turnover : float | None
report_period : str
return_on_assets : float | None
return_on_equity : float | None
return_on_invested_capital : float | None
revenue_growth : float | None
ticker : str
working_capital_turnover : float | None
FinancialMetricsResponse
financial_metrics : list[FinancialMetrics]
InsiderTrade
filing_date : str
is_board_director : bool | None
issuer : str | None
name : str | None
security_title : str | None
shares_owned_after_transaction : float | None
shares_owned_before_transaction : float | None
ticker : str
title : str | None
transaction_date : str | None
transaction_price_per_share : float | None
transaction_shares : float | None
transaction_value : float | None
InsiderTradeResponse
insider_trades : list[InsiderTrade]
ModelProvider
name
LineItem
currency : str
model_config : dict
period : str
report_period : str
ticker : str
LineItemResponse
search_results : list[LineItem]
PhilFisherSignal
confidence : float
reasoning : str
signal : Literal['bullish', 'bearish', 'neutral']
PortfolioDecision
action : Literal['buy', 'sell', 'short', 'cover', 'hold']
confidence : Optional[float]
quantity : Optional[int]
reasoning : Optional[str]
PortfolioManagerOutput
decisions : Optional[dict[str, PortfolioDecision]]
Position
cash : float
shares : int
ticker : str
Price
close : float
high : float
low : float
open : float
time : str
volume : int
PriceResponse
prices : list[Price]
ticker : str
StanleyDruckenmillerSignal
confidence : float
reasoning : str
signal : Literal['bullish', 'bearish', 'neutral']
TickerAnalysis
analyst_signals : dict[str, AnalystSignal]
ticker : str
WarrenBuffettSignal
confidence : float
reasoning : str
signal : Literal['bullish', 'bearish', 'neutral']