

## C Stock

- ticker: str
- data: pd.DataFrame
- price: float
- expected\_return: float
- risk: float
- sharpe\_ratio: float
- weight: float | None
- capital: float | None
- shares: int | None

- Stock(ticker: str)
- \_\_repr\_\_(): str
- evaluate(): void
- set\_weight(weight: float): void
- get\_company\_name(): str | None
- from\_dict(ticker: str, dictionary: dict): Stock
- to\_dict(): dict
- get\_train\_data(ticker: str): np.ndarray
- get\_prediction\_data(): np.ndarray
- load\_model\_and\_scaler(): tuple[Sequential, MinMaxScaler]
- predict(): float | None
- bearish(): bool