



Portfolio

- capital: float
- n_assets: int
- optimisation_factor: str
- weights: list[float]
- stocks: list[Stock]
- bearish_stocks: list[Stock]
- stock_returns: pd.DataFrame
- expected_return: float | None
- risk: float | None
- sharpe_ratio: float | None
- value: float | None

- Portfolio()
- __repr__(): str
- add_stock(stock: Stock | str): void
- remove_stock(stock: Stock): void
- optimise(): void
- compute_characteristics(): void
- from_dict(dictionary: dict): Portfolio
- to_dict(): dict
- update(): void
- plot(): void
- compute_optimisation_factor(x: np.ndarray, stock_returns: pd.DataFrame, factor: str, rfr: float): float
- evaluate(): void
- update_evolution(): void
- plot_evolution(): void
- predict(): void
- suggest_action(): None
- act_on_suggestion(): void