DIGITAL ASSISTANT

Simple | Democratic | Resilient

THE DOUBLE ALPHA FACTORY

Contents

Document Objective

The intention of this document is to showcase the uniqueness of our product its near limitless data-processing capabilities, highlight its distinctive value proposition, and illustrate it's accompanying benefits.

Background

It is no secret the adoption of big data experienced a staggering yet unsurprising increase over the last several years, with the market size expected to reach nearly USD 550 billion in 2028 (Globe Newswire). However, it is also well known that scores of institutions worldwide fail to implement and thus fully harness much of their data generated from operational sectors. The existence of such a reality, precipitates inefficient use of data, informational miss-management and may very well lead to detrimental outcomes. Here is where the Double Alpha Factory and its product comes into play.

Our Product

The Double Alpha Factory delivers its customers newfangled tech-oriented solutions in data-processing mechanics, particularly in the area of Private Banking and Wealth Management industries. Our core objective is to advance the meaning of building and sufficiently maintaining investment portfolios and their related procedures. It is within our duty to develop, analyze, review, and legitimatize multifarious datasets, thereby producing comprehensive insights for our clients that can be of great assistance for their investment decision making processes. By providing our, statistical models, artificial intelligent and decision support tool, embedded with fully operating autonomous data-crunching engines, we present a Simple, Democratic and Resilient digital assistant nothing short of innovative brilliancy.

The fundamental belief in amalgamating human acumen and the near illimitable computing power of sophisticated algorithms, served as the initial steppingstone that drove the Double Alpha Factory in conquest of perfecting digital financial abettance, thus the Digital Assistant tool was born. Artificial Intelligence, computational enciphers and such, not only take measures much faster than their human counterparts, but also greatly reduce the potential for gauging error. Our state-of-the-art models and trailblazing technologies are diligently designed to significantly cut down not only workload, but also time spent tending to other professional engagements.

Our Digital Assistant tool crafts an elaborate data-centered ecosystem for all stakeholders looking to achieve a multitude of optimized benefits. With our DA, we intend on solidifying the processing proficiency of our financial architects, hence smoothing the intricate interactions between human and digital competencies. Our

data-centric solutions, engendered with the pivotal purpose of hyper personalization, are designed to fluently coordinate human intelligence in parallel to artificial intelligence, as to enable you, our client, to make more informed decisions, and customize your investment portfolio specific to your personal needs.

As to ensure the fluidity of our product's offering, we direct our focus onto 3 paramount aspects: Wealth Management (WM), Private Banking (PB), and Family Offices (FO). In relation to WM, we utilize automation with the object of effectively implementing hyper personalized portfolios for individual clients. With our solution, you can focus on invigorating your relationship with your clients. In matter of PB, you may perform strategic asset allocation tasks with the usage of our big data processors backed by mathematical models and data analytics. With FO, you may track the risk and return of all asset classes available in your desired portfolio.

Product Features

Universe	An asset universe is a collection of instruments selected by the admin. The full asset universe is available to the users that are in the same user group as the admin.
Basket	An asset universe can be further filtered by the users who have edit right. It is based on their personal preferences.
Portfolio	A Portfolio is the result of an optimization task. It is a narrower selection of assets based on certain constraints, including but not limited to risk and return, that are set by the user of the application. A portfolio may be shown in form of a table, tree map or pie chart and can also be downloaded into a csv file.
Backtest	A backtest is the assessment of a portfolio's hypothetical performance. It tells the user how a portfolio would have performed until today if it was created in the past. Furthermore, it signalizes the points where the portfolio was rebalanced in the past.
Portfolio tracking	If a portfolio is tracked, the application will track the changes that happen in the portfolio on a daily basis. If any constraints are broken, the portfolio goes into "On Alert" mode and the user will be notified.
Alert	An alert is a state in which one or many constrains set by the user are not met anymore.
Portfolio rebalancing	The optimization process is done based on 5 years of historical data up to today. The optimal portfolio from yesterday might differ from the optimal portfolio today. To rebalance means to move from a

	previously optimal portfolio to today's optimal portfolio. In order to change the status of "On Alert" portfolios to "Within Constraints", the user must rebalance "on Alert" portfolios.
Asset allocation	Asset allocation is a set of the minimum and maximum amounts per category that is allowed to be included in the portfolio. The user can choose to have multiple asset allocation constraints for a single portfolio. The unit of measure is percentage. The categories are Super sector, Asset class, Asset type, and Country.
Research list	A research list is a list that contains analyst opinions (buy, hold, sell) for specific titles within the asset universe. These opinions can be included in the portfolio optimization process.
Preset	A preset tells the Digital Assistant how to take into consideration analyst opinions. For example, if an analyst recommends buying a share, the Digital Assistant will have to buy, hold or even sell the title based on the user's choice.
Report	A report represents the key aspects of a portfolio. It can be downloaded as pdf and printed.
Risk & Performance cockpit	The Risk & Performance cockpit contains an overview of the portfolio that breaks down its risk and performance. It highlights some key parameters, KPIs and compares it to a benchmark.

Available Assets

Our database may accommodate various different types including equity funds, fixed income funds, real estate funds, mixed funds, ETFs, open-ended funds as well as close-ended funds. The DA covers over 3,000 Stocks in the US, EU and Asian markets from S&P500, DAX40, EURO STOXX 600, MSCI WORLD, RUSSEL 300, Nikkei, and inspects a selection of 800+ mutual funds.

Implementation

Software as a Service

Implement new systems into your business' IT infrastructure can be arduous and often entail highly complex, time-consuming, and exhaustive processes. Our **data-centred Software as a Service (SaaS) solution** is intentionally designed to drastically minimize implementation costs for your business. Additionally, the Alpha-factory solution offers you an up and running financial analysis tool system, implementable

in a matter of days. Your primary focus thus can be allocated on the intricate features our product offers and how they can **add value** to your business. Subsequently, you may always stay up to date with the latest version with an availability rate exceeding **99.5%.**

Wealth Management as a Service

At the Double Alpha-factory devises it's Wealth Management as a Service solution to guide you through the listing process from start to finish and help you maintain it to the **highest** possible standards once it is successfully listed. Out solution renders methods to include your designated analyst's opinion in the strategy. Your focus on the top-level strategic allocation of the product; we focus on keeping it within the set limits and notify you when it's time to act.

Our Contact Information

Franziska Heß - Business Development & Sales

f.hess@alpha-factory.de

+49 151 46116026