

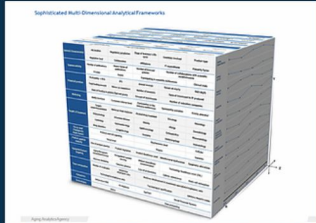
Deep Invest Solutions Overview

Deep Invest Solutions

New Era in Investment Analytics

Deep Invest Solutions is the primary source of investment analytics and data management tools and algorithms. Our products are advanced data-driven quantifiable investment recommendations generated to conduct tangible, fast, comprehensive, and inexpensive analysis and due diligence for deep tech startups, as well as real-time financial analytics and consulting for publicly traded corporations in deep tech sectors. Deep Invest Solutions specializes in advanced financial engineering, including financial derivatives construction and de-risking tools development.

Multidimensional Analytics Frameworks



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Longevity Global Investment Digest



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The Main Focus Areas:

Venture Investment Division

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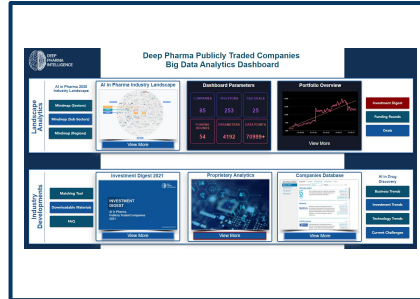
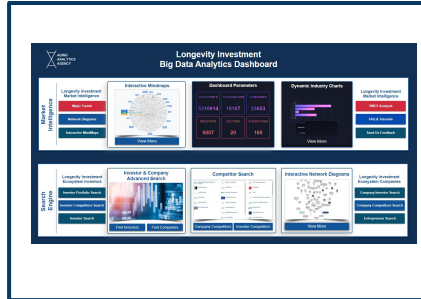
Stock Market Division

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Financial Engineering

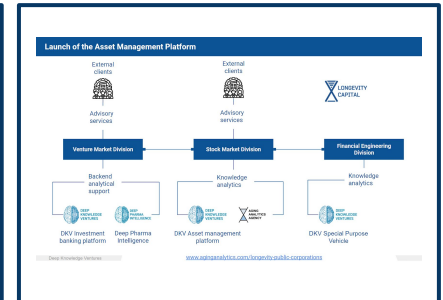
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InvestTech Analytics Timeline



During 2021 InvestTech Analytics has provided info for Investment Digests covering key trends of the public finance sphere, promising startups, and leading investors, major investment rounds and relevant R&D partnerships within AI in Pharma and Longevity Industries.

InvestTech Analytics has set goals of gathering and providing an extensive data for publishing Longevity Derivatives Investment Digest and launching the Asset Management Platform in 2021-2022.



2021

2022
Upcoming

Website: www.invest-solutions.tech

InvestTech Divisions Scientific Approaches

Our key analytical and consulting services provide clients with an access to a **highly specialized data-driven AI-based expertise** and wide array of advanced analytical products.

Venture Investment

Stochastic Dominance Approach for Investment Risks Analysis

ANN- and NLP-based AI tools for Risk Prediction, Modeling and Investment Information Aggregation

Hierarchical Holographic Modeling for Risk Identification

Noncompliance with Regulations Analysis via FMECA

Multi-attribute and Multiple-criteria Decision-making for Enterprise Risk Management analysis

Stock Market

Agent-based asymmetric trading with fat-tailed distribution

Auction theory with exponential, fat-tailed and polynomial distributions

Novel Longevity-based financial instruments

Advanced ETF strategies that allow to outperform own indexes

Option pricing using ANN

Financial Engineering

Neural networks-based algorithms for stochastic control for Investment decisions and Derivative pricing

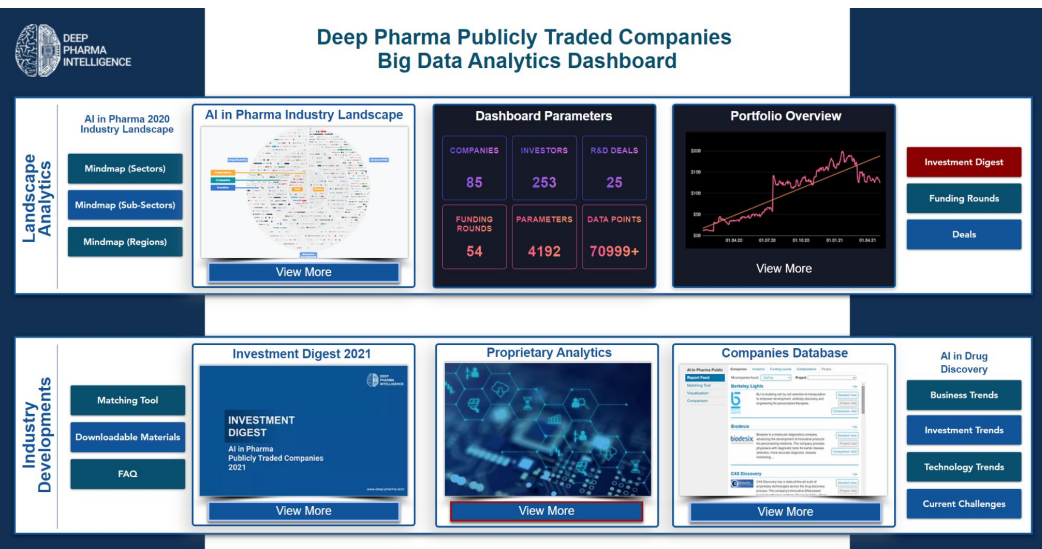
Mean Field Games for Financial Engineering

Direct price streams

Flexible Derivatives to Manage Individual Longevity Risk

Differential ML for risk management of financial derivatives

Deep Pharma Publicly Traded Companies Big Data Analytics Dashboard & AI-Pharma Portfolio



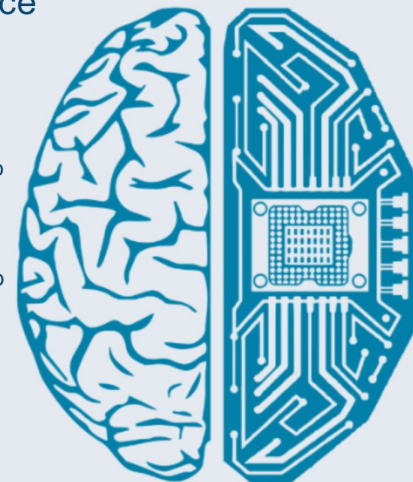
3 Months performance

Equally-weighted Portfolio
154.8%

Capitalization-adjusted Portfolio
39.9%

Min. Variance-adjusted Portfolio
41.3%

Sharpe-based Portfolio
245.8%

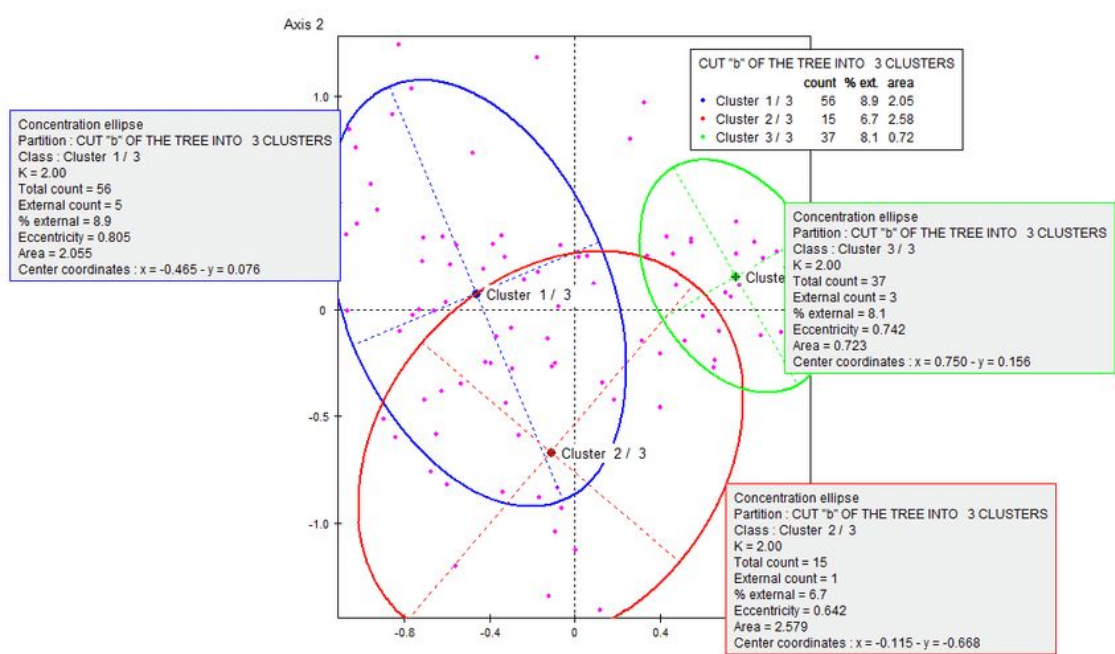
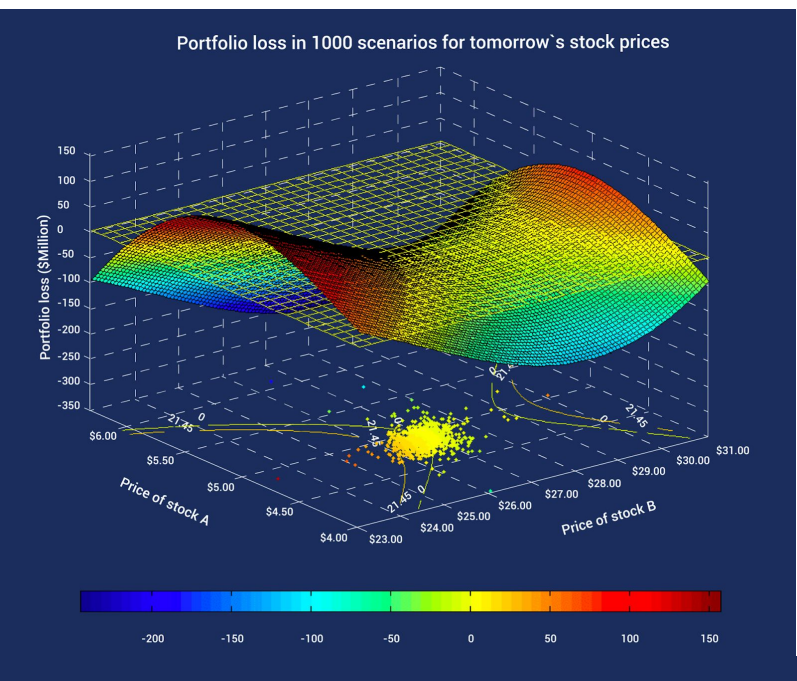


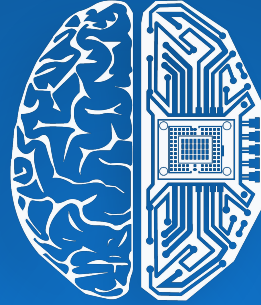
InvestTech is a core part of the data-driven solutions provided by Deep Knowledge Group subsidiaries, including the Dashboard of Deep Pharma Intelligence, where we supported the creation of different Landscape and Industry analytics, including but not limited to: Investment Digests, Companies and Industry Databases, Proprietary analytics and so on.

AI-Pharma Portfolio incorporates **13 companies** that are of great investment interest. These companies are analysed on the basis of products they provide, overall performance, market shares. The portfolio comprises real-time data on financial performance of the AI-related Pharma companies, the industry trends, the most prominent players, and stock market dynamics.

InvestTech Forecast and Analysis

InvestTech plays a key role in the DKG analytics family, providing cutting-edge technical solutions and assessment tools for market analysis, valuation, due diligence, financial engineering and venture investment. We create various types of **Multiparametric assessment analysis**, provide profound **Data mining through unique AI-driven algorithms**. The usage of different types of **Neural Networks** along with fundamental approaches from **advanced Game Theory** allows us to create **deep and long-lasting market and investment forecasts**. InvestTech also provides **Clusterization and competitor analysis** using different types of AI-based algorithms.





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