



Advanced Al Pharma Business & Market Intelligence System

New Era in Pharma Analytics

General Composition

Pharma Market Al-driven Big Data Analytics System as adaptive Dashboard

Market Intelligence, SWOT, Comparative, Competitive Quantified, Qualified Analysis

Complex Data Analysis: Synthetic Operational Environment and Advanced Dynamic Visualisation

Customized Analytics, Specific Industry Segments Monitoring, Most Advanced R&D Domains

Automated Business Development, Partnerships Facilitation, Al-driven Smart Matching System

Automated Competitors Landscape Monitoring (R&D, M&A Deals, Investment, Financial Transactions)

Administrative Panel Dashboard Multi-Modal **Operational System Operational Environment** Recommendation **System**

Dashboard Overview



Al-Driven Market Intelligence Focus

Financial Engineering Tracking

Full Market Monitoring Whole Operational Environment Mapping

Ultimate Decision Makers Tracking

Automated Engagement protocols

Full AI Decision Making Support

Key Features

E

Enables the analysis and evaluation of any associated entity in multi vector space setting



Adaptive and highly versatile system for data processing and visualisation

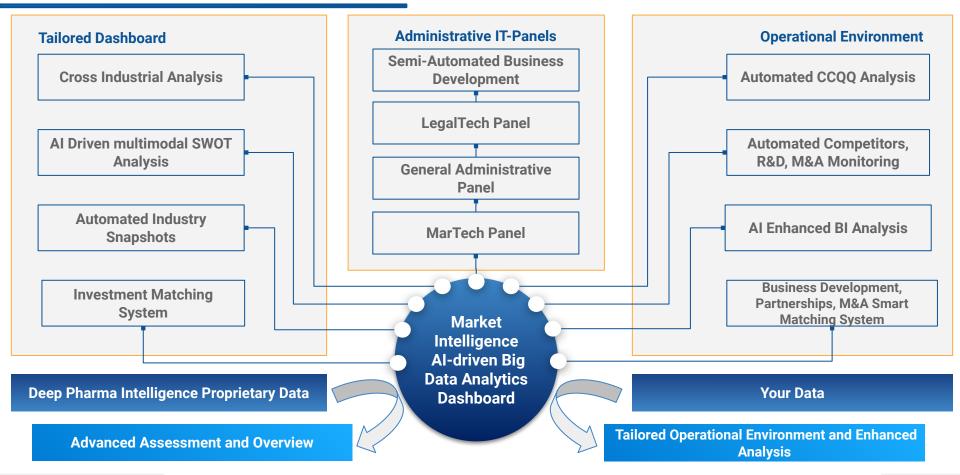


Sophisticated protocols of Al processing leveraging available data



You are the one who decides, based on the recommendations provided by the system

Market Intelligence | Automated Business Development | Operational Environment Analysis





Market Al-driven Big Data Analytics System, Tailored Dashboard

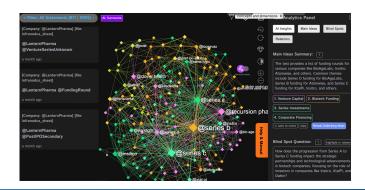
- → Ecosystem Analysis and Mapping Based on Operational Environment
- → Automated Entities Validation and Clustering
- → Industry Roles Evaluation
- → Ecosystem Development Projections
- → Strategic Insights on Potential Matches
- → Partners And Competitors Profiles and Pipelines
- → Other Features

Component 2



Market Intelligence, SWOT, Comparative, Competitive Quantified, Qualified Analysis

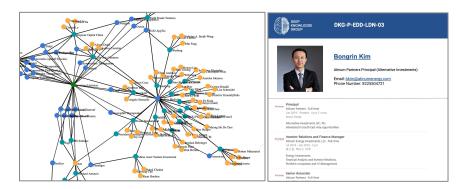
- → ML algorithms for nuanced company and entity analysis
- → Easily repurposed for diverse analytical needs
- → Extensive data intake options for comprehensive insights
- → Variety of modeling and forecasting tools
- → Sophisticated multiparameter SWOT analysis for thorough evaluations
- → Over 100 parameters to assess corporate ventures and partnerships



Complex Data Analysis: Synthetic Operational Environment and Advanced Dynamic Visualisation

- → Operational Environment mapping
- → Cross-Industrial Comparative Analysis
- → Automated Comparative Analysis
- → Multidimensional Vector Space Analysis
- → Trading Recommendation System
- → Al based Smart Matching System
- → Technology Forecasting for Business Development and M&A
- → Partnership Recommendation System

Component 4



Lead Analysis, Personal Profiles Tracking & OSINT Module

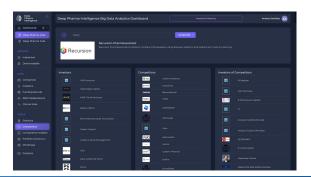
- → Automated OSINT for enhanced lead insights
- → Targeted background profiling for strategic engagement
- → Complete mapping of lead-related networks
- → Real-time tracking of leads' interests and challenges
- → Scoring system for lead-product/company alignment
- → Al-generated personalized engagement recommendations



Automated Business Development, Partnerships Facilitation, Al-driven Smart Matching System

- → Automated data collection for competitors, clients, and potential partners
- → Scanning of the operational environment for business opportunities
- → Semi-automated engagement tools for outreach
- → Al Agents for multiple tasks automation
- → Automated tailored documents creation: Decks, Offers, etc.
- → Engagement recommendations based on lead background

Component 6



Automated Competitors Landscape Monitoring (R&D, M&A, deals, Investment, Financial Transactions)

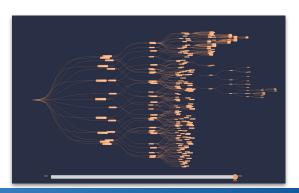
- → Automated system for detailed competitor profiling
- → In-depth analysis of competitors' R&D, M&A, and financial activities
- → Continuous monitoring for real-time competitor status
- → Customizable filtering for targeted competitor insights
- Simultaneous monitoring across various competitor categories
- → Al-driven recommendations for strategic actions



Investment Universe & Targets for Financial Engineering

- Monitoring of market valuations for financial opportunity identification
- → Strategic financial engineering tactics for investment optimization
- → Comprehensive profiling of the investor ecosystem
- → In-depth analysis of individual investor backgrounds
- Tailored investor engagement and relationship-building methodologies
- → Predictive modeling for emerging investment trends and behaviors

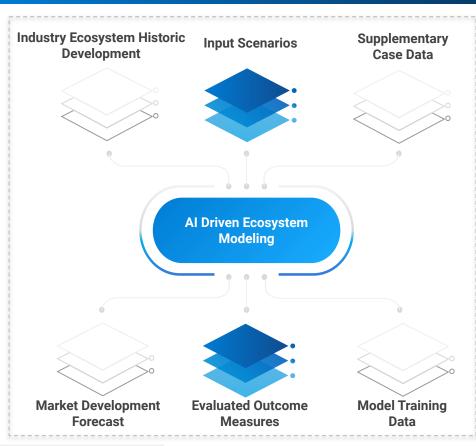
Component 8



Ecosystem Scenario & Risk Analysis Module

- → Automated system for detailed competitor profiling
- Outcome forecasting for strategic decisions
- → Investment decision impact simulations
- → Merger and acquisition outcome predictions
- → Ecosystem evolution and trend analysis
- → Identification of potential risk elements
- → Proactive risk mitigation and strategy advisement
- → Strategic influence mapping within the ecosystem
- → Compliance and regulatory change anticipation

Scenario Analysis



Key Features

Scenario Analysis tool

- Industry and Entity Modeling: Comprehensive simulation of industry trends and individual entity progressions within the market landscape.
- Outcome Forecasting: Utilizes an Al-trained model to predict the repercussions of various business actions and decisions.
- **Diverse Data Integration:** Capability to incorporate a wide array of data sources to enrich analysis and enhance prediction accuracy.

Leads Universe Mapping

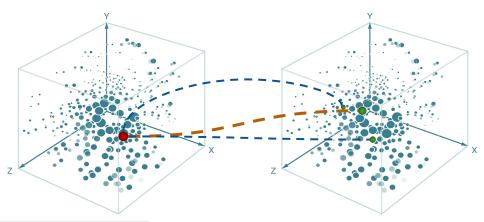
- **Risk Scenario:** Facilitates the modeling of numerous scenarios to assess and categorize potential risks.
- Risk Assessment: Evaluates and ranks risks utilizing model-driven insights to prioritize response strategies.
- Mitigation Strategy: Generates recommended actions for risk response, leveraging scenario outcomes for informed strategy formulation.

Investment Universe



Investors Industry Universe

Companies Industry Universe



Key Features

End to End tool for investment landscape monitoring

- Navigation: A multimodal, interactive interface for the dynamic mapping of the investment landscape, analyzing connections and relevance among investors and investment targets.
- Interaction Monitoring: Tracks co-investments, target interests, and deal flow, providing a comprehensive overview of ongoing market activities.
- Financial Entity Profiling: Offers descriptive analyses of entities, outlining financial standings and market behaviors within the investment ecosystem.
- Valuation Oversight: Observes and reports discrepancies in entity valuations, including overpricing or underperformance, and identifies financial anomalies.
- Investment Banks Tracking: Analysis of core IPO Supporters, market actions, strategies and targets.
- **Decision-Maker Insight:** Utilizes OSINT techniques to gather intelligence on key decision-makers, monitoring public statements and influential actions.

Financial Engineering Targets



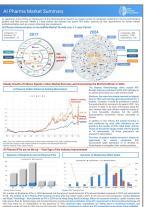
Key Features

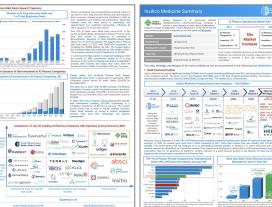
Toolkit for monitoring of underperforming or overvalued entities for potential financial engineering in terms of Private M&A Transactions

- Real Valuation Estimator: Automated analysis tool for assessing the true market value of entities, distinguishing between actual worth and market perception.
- Deal Outcome Modeling: Simulates the financial implications of potential M&A transactions, forecasting post-deal scenarios.
- Financial Structuring Portfolio: A collection of financial instruments and strategies designed for structuring and optimizing M&A deals.
- **Outcome Projections Framework:** An internal system for predicting the consequences of financial maneuvers and their impact on business performance.
- Co-investor Matchmaking: An intelligent recommendation engine for identifying and partnering with co-investors aligned with transaction objectives.

Company Profiling







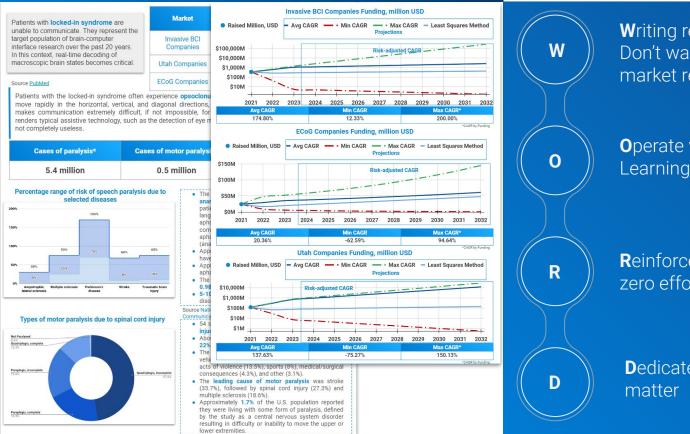
Key Features

Full Fledged Company Profiling Encompases Operational Environment Creation and Supporting Documentation

- Competitors Monitoring: Tracking of activities, historic actions, staff, strategies, IP changes, partnerships and deals
- Positioning: Clear Evaluation of Company ecosystem, potential partners, pipelines
- Parallel Research: Actions/outcomes market tracking and forecasting
- **Financial profiling:** Full profiling of financial statements and associated activities within market and cross market scopes.
- Public Statements: Tracking of Public statements of staff, directors, entities
- Undisclosed Information Tracking: Cross-Analysis for prediction of undisclosed states/actions within the entity

Automated Financial Analytics

Why?



Writing reports made easy!

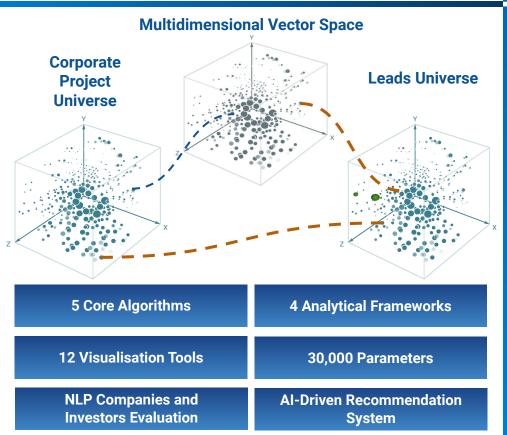
Don't waste your time and money on market reports

Operate with the Machine Learning-based data insights

Reinforce your market analytics with zero efforts

Dedicate more time to things that matter

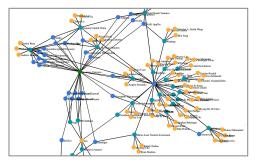
Synthetic Operational Environment and Advanced Dynamic Visualisation

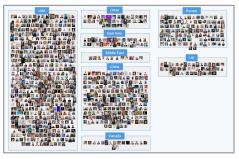


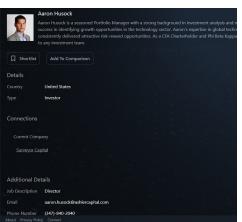
Key Features



Leads Profiling









Key Features

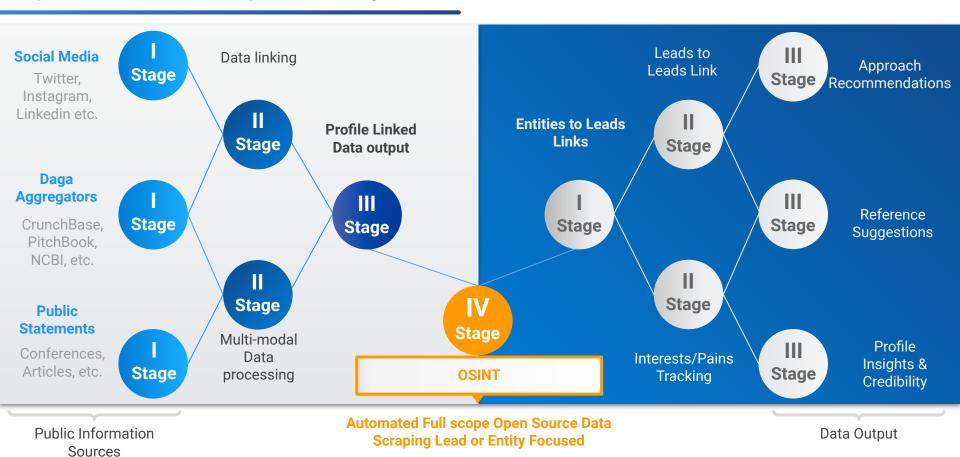
Leads Universe Mapping

- Leads Connections Mapping: Leads Are interconnected based on their relationship to other important Leads
- Leads To Entities Mapping: Each lead Is associated with entities based on Open source data scraping which showcase his potential interests and history
- **Interactive Map:** Leads Universe has Multiple alternative interactive visualisations for analysis

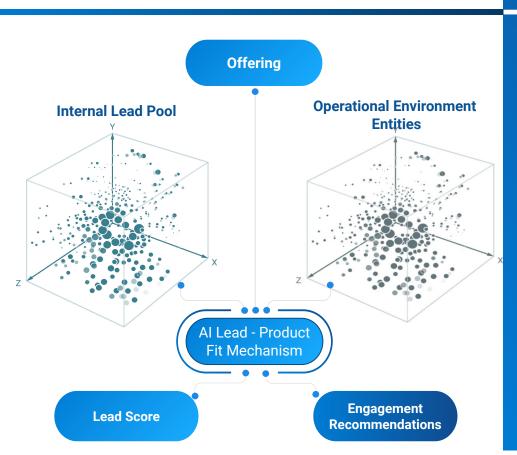
Leads Personalities Profiles

- **Multiple Outputs:** Profiles can be showcased or saved in a PDF format within the dashboard.
- Auto-Generated: Profiles are Auto Generated based on information from the open sources including contact information
- OSINT Enhancement: Profiles can be automatically enhanced upon request to showcase all the data on each lead in analysis

Open Source INTelligence Analysis



Lead Scoring & Matching System



Key Features

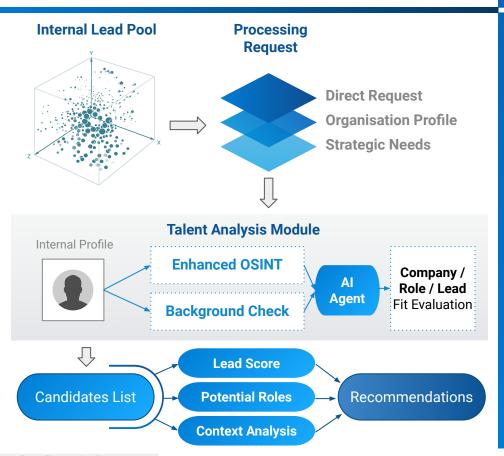
Leads Scoring Mechanism

- Offer Tied: The score assigned to lead is tied to the offering shosen, thus is situative and tied to your proposal
- **Auto-Generated:** Is automatically generated and encompases multiple parameters of evaluation
- **Comparative:** Is relative to other potential leads showcasing you the most prominent engagement points

Engagement Recommendations System

- Al Driven: Utilises Analytical and Generative Engines
- Autonomous: Generates recommendations for engagement not based on scores, but tied to the offer
- Generative: Bares the capability to provide engagement scripts and initiate prior reachout with the lead based on recommendations, contact details, methods chosen.

Industry Head Hunting



Key Features

Enhanced OSINT

- Public Profile: Delves into statements and opinions expressed publicly to assess relevancy and insight
- Background Analysis: Scrutinizes key competencies and relevant experience to evaluate utility and application.
- Strategic Fit: Assesses individual alignment with the team, using the company's profile as the benchmark for evaluation.

Company/Role/Lead Fit evaluation

- Al Driven: Employs an Al engine to determine the individual's compatibility with the team and company based on nuanced industry data.
- **Multi-Modal:** Integrates a comprehensive assessment of the candidate's background to determine potential contributions and impact.
- Recommendations: Generates tailored suggestions for personalized outreach strategies, enhancing initial engagement potential.

Engagement Management System



Key Features

Engagement Tracking System

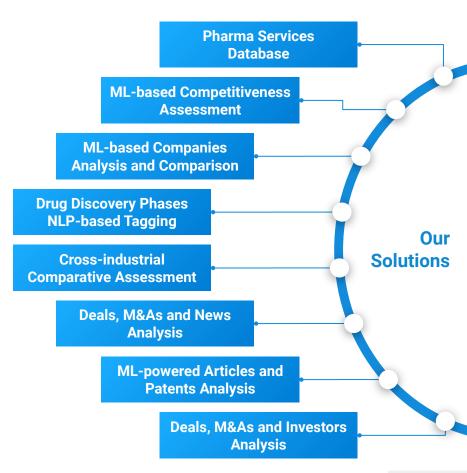
- Conversion Dashboard: Displays the effectiveness of outreach campaigns, tracking progress up to the point of the first interaction or call with the lead.
- **Funnel Construction:** Allows for the customization of steps and actions undertaken by the Al agent, enabling adaptive engagement strategies.
- **Conversion Enhancement**: Integrates references and personal touches in lead engagement strategies, utilizing relational data to improve conversion rates.

Company/Role/Lead Fit evaluation

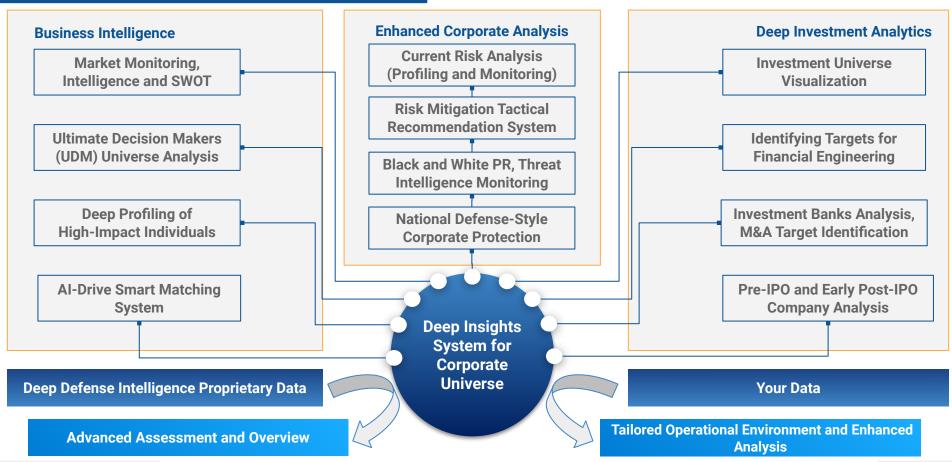
- **Tailored Materials:** Crafts individualized decks, offers, and other materials for specific engagements.
- **Personalized Approach Recommendations:** Provides strategic suggestions for lead engagement, tailored to each lead's unique profile and potential interests.
- Automated Outreach Campaigns: Employs an Al engagement agent to autonomously conduct outreach via social media, email, and other channels, optimizing the initial connection process.

Proposition Summary: Your Needs and Our Solutions





Special Tools Selection



Al Pharma Industry In-depth Analysis: Planned Components

Private Companies Analysis

1. Suitable Companies for M&A:

Coming Soon

2. Suitable Companies for Reverse IPO:

Coming Soon

3. Suitable Companies for SPAC:

Coming Soon

4. Companies with Inconsistencies:

Coming Soon

Public Companies Analysis

1. Overvalued Companies:

Coming Soon

2. Companies Relevant for Delisting:

Coming Soon

3. Companies Prospective for M&A

Coming Soon

4. Companies with Inconsistencies:

Coming Soon

5. Recent IPOs Analysis:

Coming Soon

Other Analysis Types

1. BioTech IPO Advisors Banks:

Coming Soon

2. Investment Funds Analysis:

Coming Soon

3. Stock Exchanges Analysis:

Coming Soon

4. Derivative Analysis

Coming Soon

5. Personalities Interconnections:

Coming Soon

Al Pharma Companies Tracker

Top Pre-IPO Candidates

Companies which secured late stage private financing, have deep AI expertise and strong competitive positions within the AI Pharma market.

Promising Pre-IPO Candidates

Companies having disruptive AI technologies in Pharma and BioTech. Once such companies validate their products on the market, they can be considered as prospective candidates for public listing.

EVALION therapeutics* Exscientia absci ERASCA **ROIVANT** RELAY AbCellera SCHRÖDINGER. **ORECURSION** evotec Neumora Insilico Medicine XXtalPi OWKIN egenomics ConcertAl BIONGE Atomwise VERGE AQEMIA R turbine Standigm healx ** AURANSA &rphA!

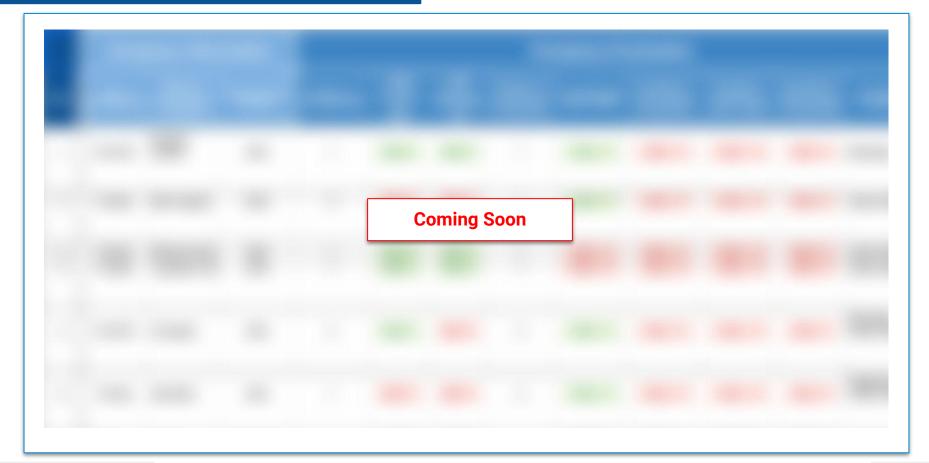
Promising Public Companies

Companies which have good prospects for favourable capitalization, promising clinical candidates and partnerships

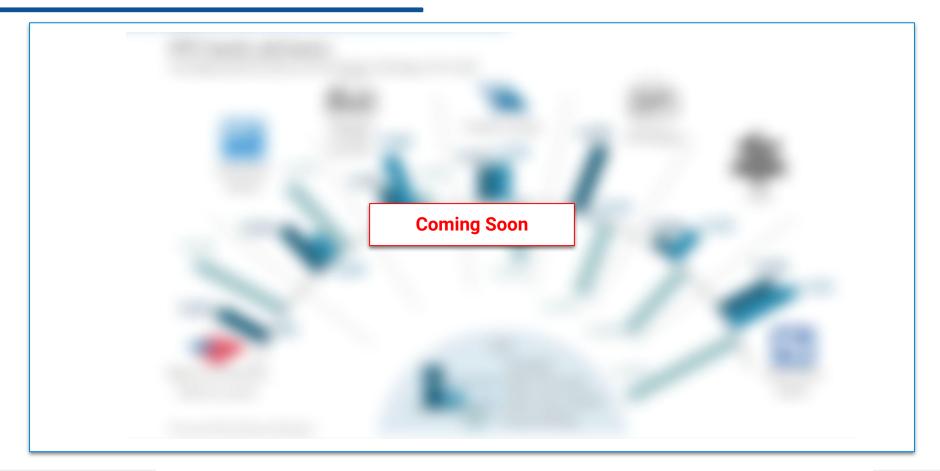
Top IPO Companies

Companies with a small capitalization, but with a well-established R&D process and promising clinical trials

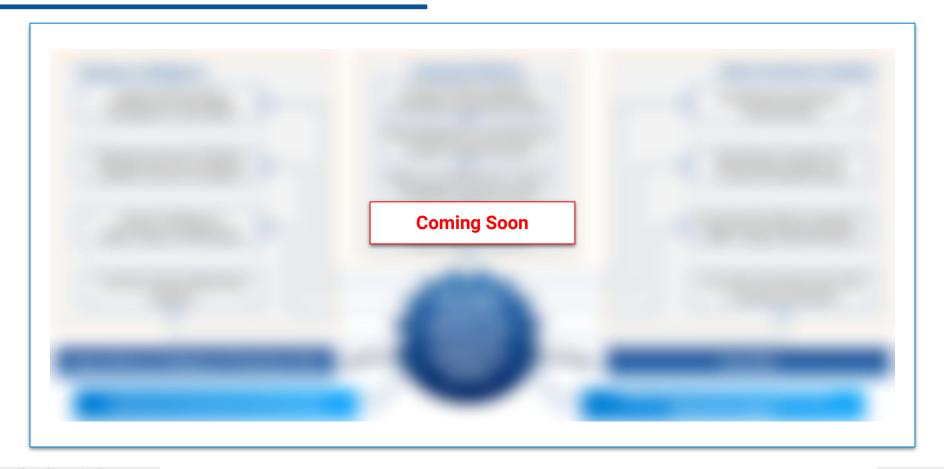
Al Pharma Companies – Recent IPO Companies Tracker



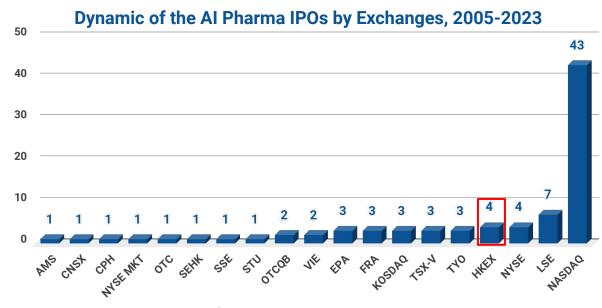
BioTech IPOs Bank Advisers Rating



Inconsistencies Analysis Methodology



In-depth Analysis of the Stock Exchanges



Upon examining the graph on the left, it is evident that the majority of Al Pharma businesses launched their IPOs on the Nasdaq Stock Exchange. This was followed by the London Stock Exchange, and the New York and Hong Kong stock exchanges, which are tied for third place.

The democratization of the IPO criteria for the Hong Kong Exchange is expected to enhance the occurrence of Al Pharma IPOs in 2024. The incident in question is unlikely to have a significant impact due to the high barriers faced by many small companies. However, mature companies stand to gain advantages from this situation.

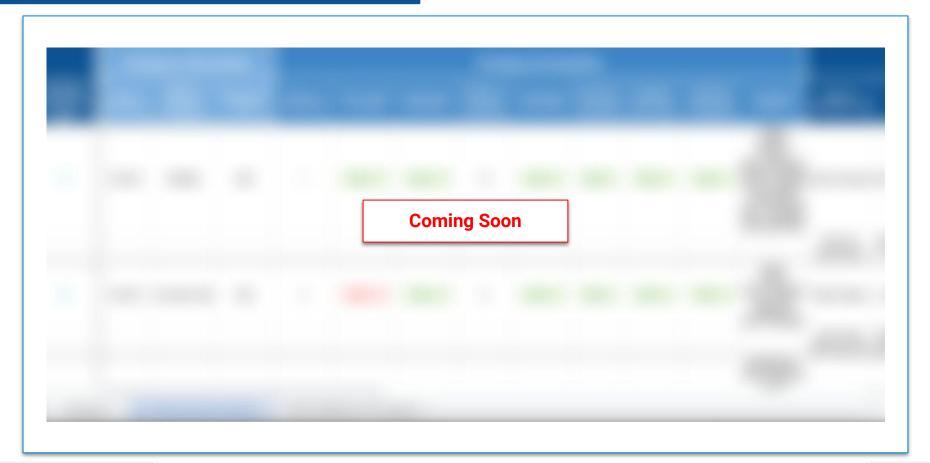
Hong Kong's New Listing Rules for Specialist Technology Companies

The implementation of the new regulations outlined in Chapter 18C commenced on March 31, 2023, specifically for companies seeking to file for HKSE IPOs. Companies with a minimum worth of HK\$10B (about US\$1.27B) are allowed to offer shares in IPOs, regardless of whether they have earned any revenue yet. The proposed barrier of HK\$15B (equivalent to approximately US\$1.91B) has been decreased.

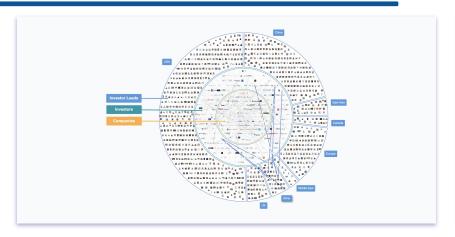
Furthermore, there has been a reduction in the mandated market capitalization for commercial companies to HK\$6B (equivalent to around US\$1.02B).

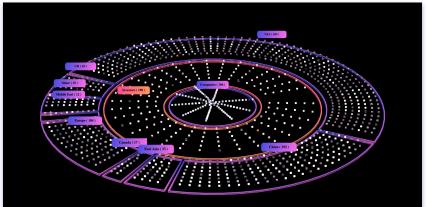
Deep Pharma Intelligence Source: Skadden

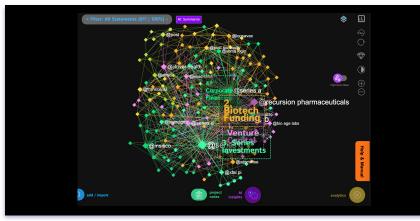
Investment Fund Analysis Approach

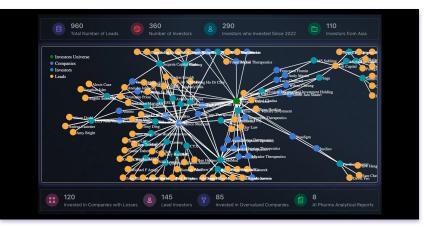


Personalities Interconnections Analysis













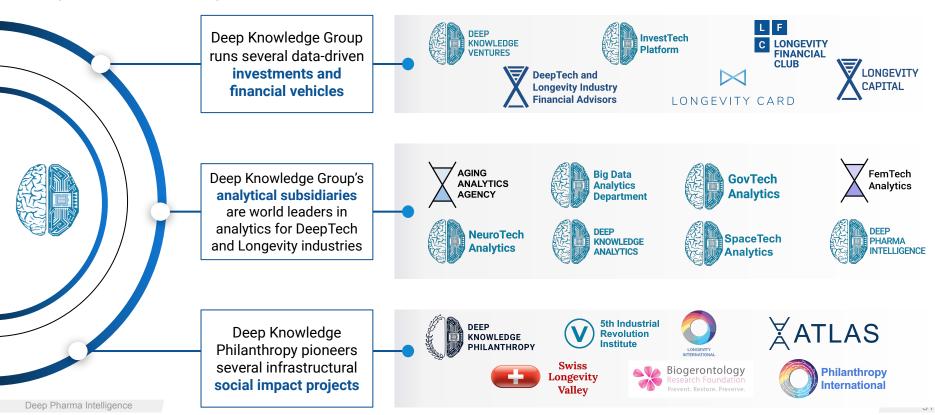
Deep Pharma Intelligence Overview

Document Intended Exclusively for Professional Counterparties

www.deep-pharma.tech

About Deep Knowledge Group

<u>Deep Knowledge Group</u> is a consortium of commercial and nonprofit organisations active on multiple fronts in the realm of DeepTech and Frontier Technologies (AI, Longevity, FinTech, GovTech, InvestTech), ranging from scientific research to investment, entrepreneurship, analytics, media, philanthropy, and more.



Analytical Methods and Systems Developed by Deep Knowledge Group











Created frameworks as a basis for further analytical research of complex industries

and DeepTech

Produced

first-of-their-kind

reports on Longevity

Industrial and regional representation of the market development

dashboards

Big Data

Different analytical

products arranged

into thematic

Extended the number of dashboards' tools and added the embedded AI engine

Dashboards 2.0, 3.0 created Smart matching system

Frameworks of Complex Longevity and DeepTech Industries

Fundamental Analytical Reports Advanced
Visualisation of
DeepTech
Industries

Big Data Analytics Dashboards Al-driven Big Data Analytics System and Dashboards Enhanced Big Data Analytics systems with Operational Environment

2013

2014 - 2018

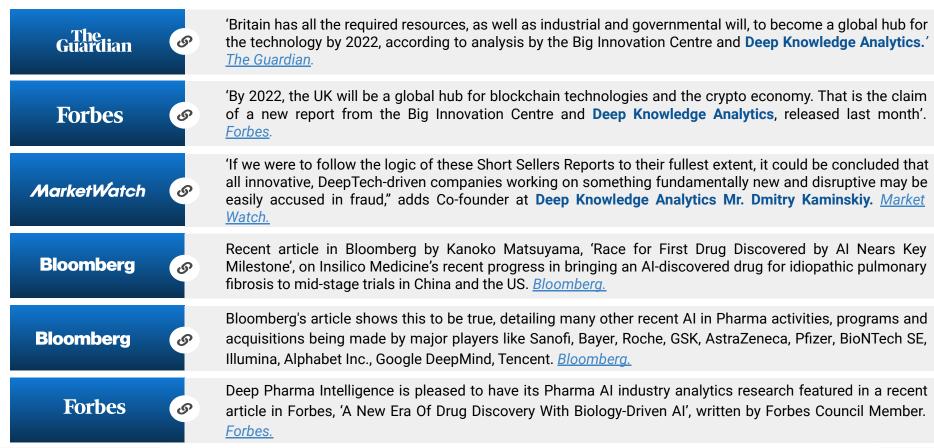
2019

2020 - 2021

2021 - 2022

2023-2024

Press about Deep Pharma Intelligence and Its Founding Partners



Deep Pharma Intelligence — New Era in Pharma Analytics

Deep Pharma Intelligence (DPI), an analytical subsidiary of Deep Knowledge Group, is a highly specialised think tank in the area of BioTech innovation profiling, market intelligence, and BioTech development advisory. The company is dedicated to producing powerful data mining and visualisation systems, interactive analytics tools, and industry reports, offering deep technical insights, market intelligence, and strategic guidance in the high growth and significant opportunity areas.

DPI is Focusing on Three Key Activities:

Conducting Market Intelligence

Producing regular open-access and proprietary reports on the emerging topics and trends in the pharmaceutical and healthcare industries. All reports are supported by our back-end analytics systems and tools that allow to receive fresh insights and updates about opportunities and risks.



Creating Big Data Analytical Dashboards

Building a comprehensive **Big Data Analytical Dashboard** (SaaS) as a one-stop-platform for all market and business intelligence operations our customers may need, including profiling thousands of companies, market signals and trends based on tens of millions of constantly updated data points.



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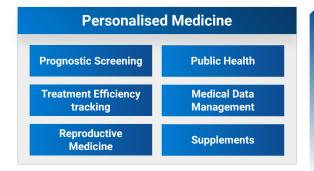
Producing Scientific Content

DPI provides a **full-cycle development of articles, scientific journals, and books**. We are ready to develop a detailed Requirement Specifications document, including layout of the journal, fully designed brand book, with example templates for each chapter.



Disruptive Technology in Pharma Framework

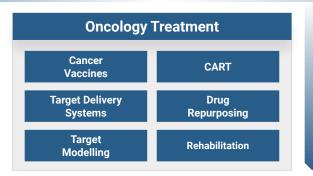
Current focus of Deep Pharma Intelligence (DPI) Dashboard is aimed at Artificial Intelligence role in Drug Discovery. Yet, the core strategic goal for DPI is to expand dashboard coverage in order to include all projected disruptive technologies and companies that use them in the Pharmaceutical Industry. The Framework visualizes all potential disruptive sectors in Pharmaceutical Industry which will be presented in Dashboard, while highlighted blocks are categories which are already covered.

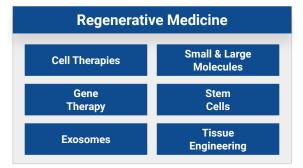






Early Diagnostics	
Biomarkers	Analytical
Discovery	Algorithms
Population Screening	At-home
Approaches	Testing
Digital Avatars	Biobanking





Explore Deep Pharma Intelligence Solutions

Deep Pharma Intelligence is building a sophisticated cloud-based engine for advanced market and business intelligence in various deeptech industries.

We provide profound Al-driven insights on the private and public markets in the Tech industries via customized IT-Platforms and Dashboards.



Order Al-driven research and data science reports tailored to your needs



Discover clinical trials conducted by AI for drug development companies



Get actionable insights on the flow of capital across VC, PE and M&A in the AI industry

Our Partners



EVOMICSBeyond the visible



Bio Pharma Trend





Ultimate solutions for building customized Big Data
Analytics Systems and Dashboards



Understand the connections between companies and investors within industry sectors



Connect to industry professionals for fruitful relationships

Al Pharma Market Investment Analytics Dashboard



Al Pharma Market Investment Analytics Dashboard



5 Promising Pre-IPO Al Pharma Companies Case Study www.deep-pharma.tech

Technological Advancements Defining the Market

In-depth Overview of Al Pharma M&A and **Collaborations**

Al Pharma Investment Risks **Analysis Funding Correlation Analysis**

Enhanced Al Pharma Public Market Analysis

Companies' Expertise and

Highlighted Pre-IPO

Companies Shortlist for

Monitoring

Scientific and Tech **Validation of the Companies**

> **Detailed Companies' Overview**

Insilico Medicine Operational Environment Dashboard







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Deep Pharma Intelligence Products Platform: www.deep-pharma.tech/products