

# **Advanced Visualisation Tools**



# **Universal Concepts of Showcased Visual Components**

#### **Easy Integration**

Each visualization tool is designed for effortless integration into existing systems via iFrame or similar methods, ensuring a smooth and flexible embedding process across platforms.

#### Interactivity

These tools offer a dynamic level of interactivity, allowing users multiple ways to engage with the data, including filtering, zooming, and selecting specific elements for more detailed information.

#### **Easy Scalability**

Designed with scalability in mind, the solutions adeptly accommodate varying volumes of data, ensuring reliable performance and visualization clarity regardless of dataset size.

#### **Visual Aids**

Emphasizing color theory, each platform employs visually intuitive designs to enhance the representation of data, facilitating an immediate and deeper understanding of the underlying information.

#### Basic Rules for Visual Tools

#### **Inserted Analytics**

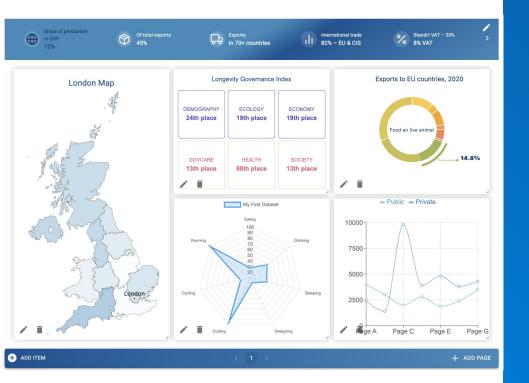
Incorporating advanced analytics, each tool is capable of presenting integrated data analysis, revealing trends and insights directly within the visualization interface to inform decision-making processes.

#### **Customization Flexibility**

Big Data Analytics System and Dashboard has the modules able to forecast the possible ways of future traction of certain events (such as stock prices) based on the large sets of market data

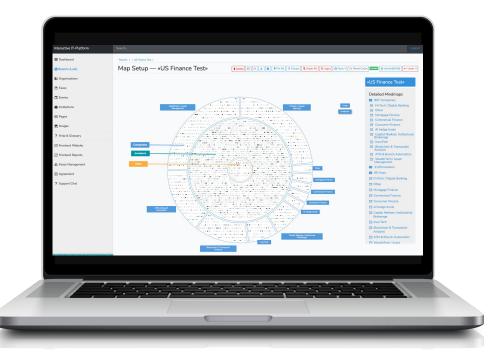
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#### **Advanced Geo Dashboards**



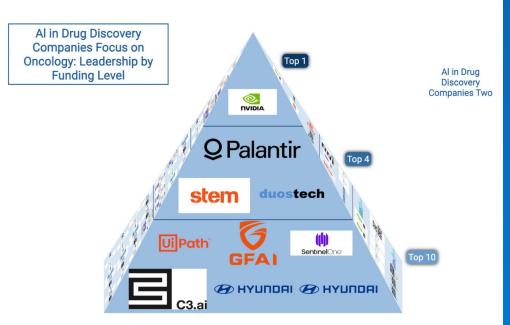
- Incorporates a diverse array of data visualizations including charts, frameworks, heatmaps, and maps within a single dashboard.
- Offers seamless integration capabilities with other platforms or websites, supporting live updates from ongoing data flows.
- Allows for customizable setups to highlight trends, key points, and relevant information, enhancing interpretability and user engagement.
- Equipped with advanced filtering and search functionalities, enabling users to refine visualizations and data views according to specific criteria or interests.

### **Interactive Industry Ecosystem Maps**



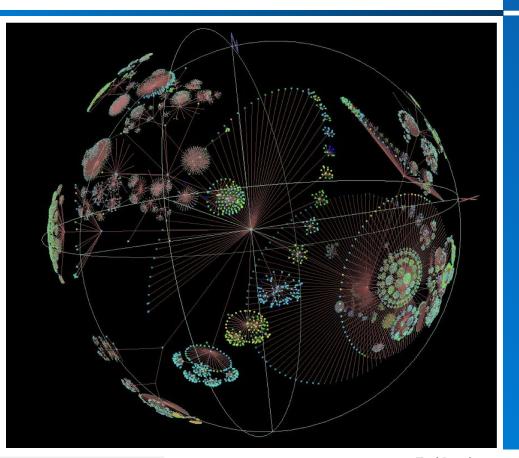
- Features an interactive map that details entities by location, affiliation, and color, facilitating a comprehensive overview of industry ecosystems.
- Capable of displaying up to 2000 entities in the simple version and 5000 entities in the complex version, each marked by its logo for easy identification and additional information retrieval.
- Supports scalable and navigable visualization, enabling detailed exploration of entity interactions and information.
- Integrates real-time data updates, ensuring the ecosystem map reflects the most current status of entities and their interrelations.

#### **Interactive Benchmarks**



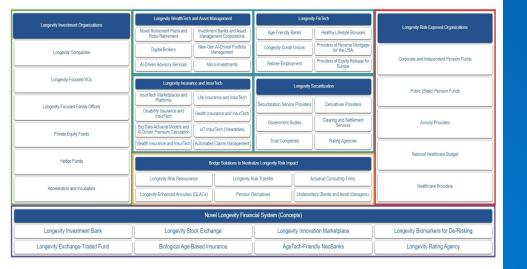
- Visualizes comparative data inputs against benchmarks and methodologies in an easily understandable, interactive format.
- Allows for the simultaneous use of multiple benchmarks, with simple toggling features for efficient comparison.
- Enhances user interaction by providing additional data and insights upon engagement with the benchmarking elements.
- Features customizable benchmark parameters, allowing users to set and modify criteria based on evolving industry standards or specific project needs.

# **3D Interactive Industry Universe**



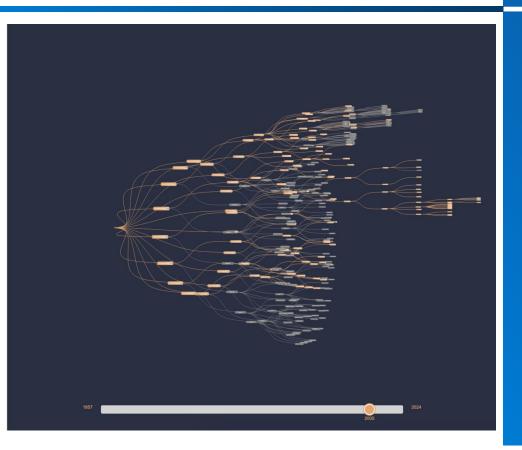
- Offers a detailed 3D spatial visualization, moving beyond 2D limits to provide a comprehensive view of data and entity interactions.
- Facilitates user navigation through three-dimensional space to observe trends, historical developments, and evolutionary paths of entities.
- Provides immersive interaction, offering detailed insights upon engagement with specific sectors or entities, enhancing the overall data interpretation experience.
- Includes dynamic scaling features, allowing users to zoom in and out for micro and macro perspectives on data landscapes, improving clarity and focus on areas of interest.

# **Complex Interactive Frameworks**



- Visualizes intricate frameworks and methodologies through a multi-layered interactive approach, simplifying complex data structures.
- Highlights hierarchical categorizations and differences within, aiding in the understanding of complex concepts.
- Ideal for exploring structured data insights, offering an interactive exploration tool that demystifies detailed frameworks.
- Supports the integration of external data sources, enabling the enrichment of frameworks with up-to-date information for comprehensive analysis.

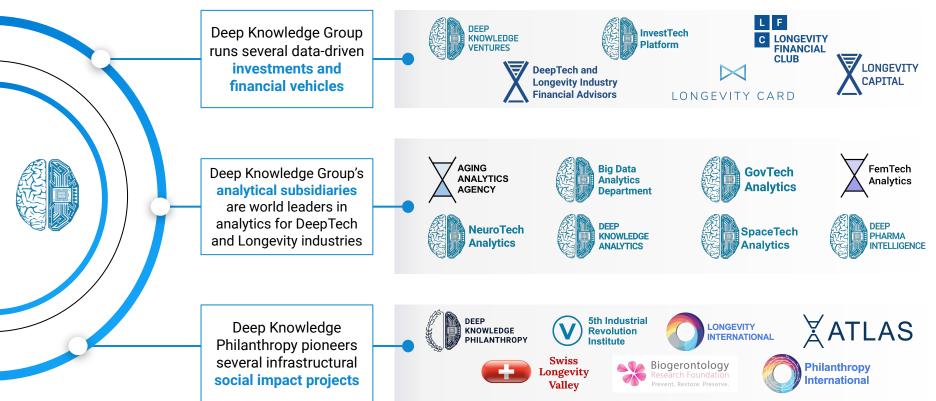
#### **Interactive 3D Evolution Trees**



- Maps the historical progression and development of technologies in an interactive 3D tree format, showcasing spread, trends, and potential future intersections.
- Offers detailed analysis capabilities through interaction with specific elements, providing extensive data and insights.
- Features customizable filters and adjustments, enhancing usability and allowing for tailored exploration of technological evolution and intersections.
- Implements timeline sliders, allowing users to navigate through historical data points and visualize the temporal evolution of technologies, facilitating a deeper understanding of their development over time.

# **About Deep Knowledge Group**

<u>Deep Knowledge Group</u> is a consortium of commercial and non-profit 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.





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