

Intelligence-economics & geopolitics

Brief description

Within the field of economics, economic intelligence is linked to military operations and to the field of risks for civilian companies. This field has received very little attention. The use of software to capture news and events, their translation into numerical elements and their analysis with statistical models of various kinds is a novelty. Added to this is the use of AI as part of the system gives a more in deep potential (figure 1). These tools can be widely used, so there is no single sector of application. In terms of sector of origin, is the joint work of economics, intelligence, software development and geopolitics.



Figure 1. Market Analysis

How does it work?

The use of software to capture news and events, their translation into numerical elements and their analysis with statistical models of various kinds, together with the use of AI as part of the system. Allows you to set alerts based on the evolution of variables and the relationship between them.

What problem does it solve?

It is a decision support system for companies, public institutions and the Armed Forces. It substantially reduces risks and generates alerts in relation to possible events that can generate from breakages in supply chains to analysis of the evolution of a wide range of geopolitical and economic factors to determine whether a company should establish itself in a country, absorb another company, etc.

What future products will it develop?

Different software systems applied to specific problems and detailed analysis of situations and scenarios.

Competitive advantages compared to other research

There are precedents mainly in the military and security field. In some countries, such as the USA. It is beginning to be present for larger companies.

Where has it been developed?

The development has been carried out between the Complutense University, the Jaime I University of Castellón and the company Intelligence, Risk & Monitoring Analytics (IRMA)

And moreover...

This type of system is increasingly demanded in the world of economic and financial security, as well as in large companies (IBEX-35 type). In the case of SMEs, the systems can be adapted to their needs and are simple to use at a very low cost.

Researcher in charge

Antonio Fonfría, afonfria@ucm.es

Department: **Applied Economics, Structure & History**

Faculty: **Economics and Business**