Cross Entropy
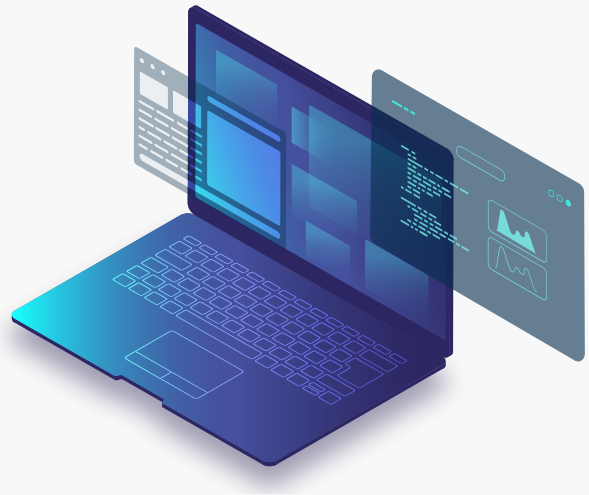s o l u t i o n s ™

BESPOKE DECISION MAKING SOLUTIONS

We empower people to **solve complex problems** in an uncertain world by creating **data driven** digital experiences.
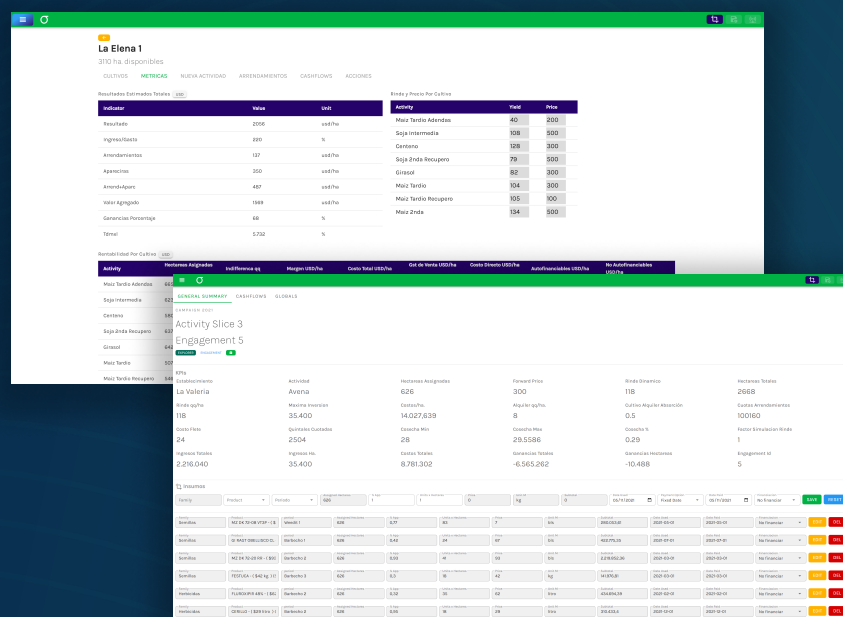
WHAT
WE DO

We strive to **create the best digital experiences for data analysts and decision makers in finance, startups, agro, and biotech.** By understanding their problems and data, we design and develop custom software to support their core value chain.

Our main interest is to understand specific needs that can be solved or improved through **data related software,** taking ownership of our customer needs and **development process.**

SOME OF OUR STORIES

MAN AGRO

We developed an end-to-end data management application to optimize the corporation´s decision making process regarding productive and commercial operations.

By developing an agro-data product, we allowed one of the biggest grain producers in the country to, first, harmonize its data and, nowadays, create its own machine learning models for custom analytics.

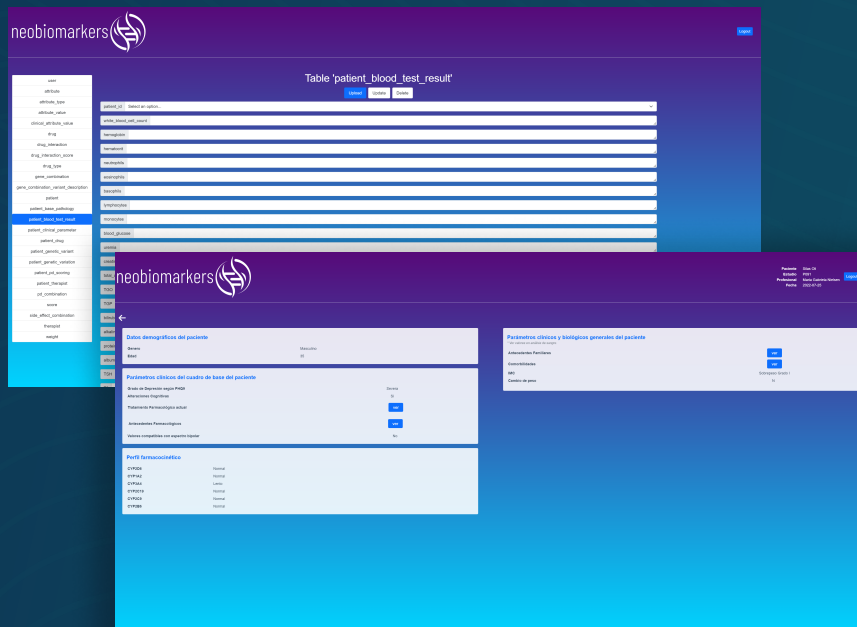**By partnering with us Man Argo has achieved:**

10x ↑   # 20% ↑

Scalability   Near terms Profits

and exponentially increased executive satisfaction of conducting its business.

NEOMENTE

We created a web based application that facilitates psychiatrists diagnosing patients based on genetic indicators.

The application relies on a machine learning model that has been pre trained to reach two main goals:

1. improve the amount and type of prescribed medication;
2. accelerate and improve diagnostics by using genetic markers.

With our help, we have achieved:

5x ↑

Improved accuracy on
prescribed medication

80% ↑

Reduction in
medication variation

HOW DO WE DO IT

DISCOVERY

We will work to **understand the requirements and scope of the project,** defining which **solutions** are already taken into consideration and **which technologies could be implemented.**

DESIGN

Our second stage focuses on **providing a tailored, user centered proposal**, ranging from database infrastructure all the way to wireframe and prototype design for digital applications.

BUILD

We **deploy our action plan and start engaging with the creation of the solution we have collaboratively designed,** be it providing technical support, product development or machine learning training.

CORE STEPS

PROBLEM FINDING

PROBLEM SOLVING

CHOICE OF SOLUTION

EXECUTION OF SOLUTION

CONTROL AND EVALUATION

EXECUTIVE TEAM

Tomás Sande

Operations Lead
Co-founder

David Katz

CTO
Co-founder

And a multidisciplinary team in maths, physics and data engineering

We would love to hear about **your projects and needs!**

For more success stories, check our website at **crossentropysolutions.com** or contact us at **info@crossentropy.solutions**

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