

altilia.ai

ALTIILIA
augmented intelligence

Human-in-the-loop Artificial Intelligence

Altilia is a Spin-off of ICAR-CNR



The purpose of the lab is studying AI and ML methods, models, algorithms, and approaches for managing and analyzing heterogeneous big data such as texts, images, video, graphs, in order to promote the creation of innovative smart technologies that help in having better everyday life and working activities.



Altilia is a deep tech company focused on continuous innovation. Our value proposition mainly lies in proprietary sophisticated AI technologies, cutting-edge AI competencies, and talented people. Altilia mission is to make the adoption of AI and machine learning, in real world scenarios across industries, as easy as using search engines and spreadsheets.

The Problem we Address

How to help business of any size and industry to build enterprise-grade AI solutions?

AI algorithms promise to automate tasks and processes previously performed only by humans

AI algorithms are widely available, but AI solutions need very large amount of labeled data



Algorithms
Coding

Data
Programming

The need for labeled data is causing an epochal revolution: the shift from algorithms coding to data programming

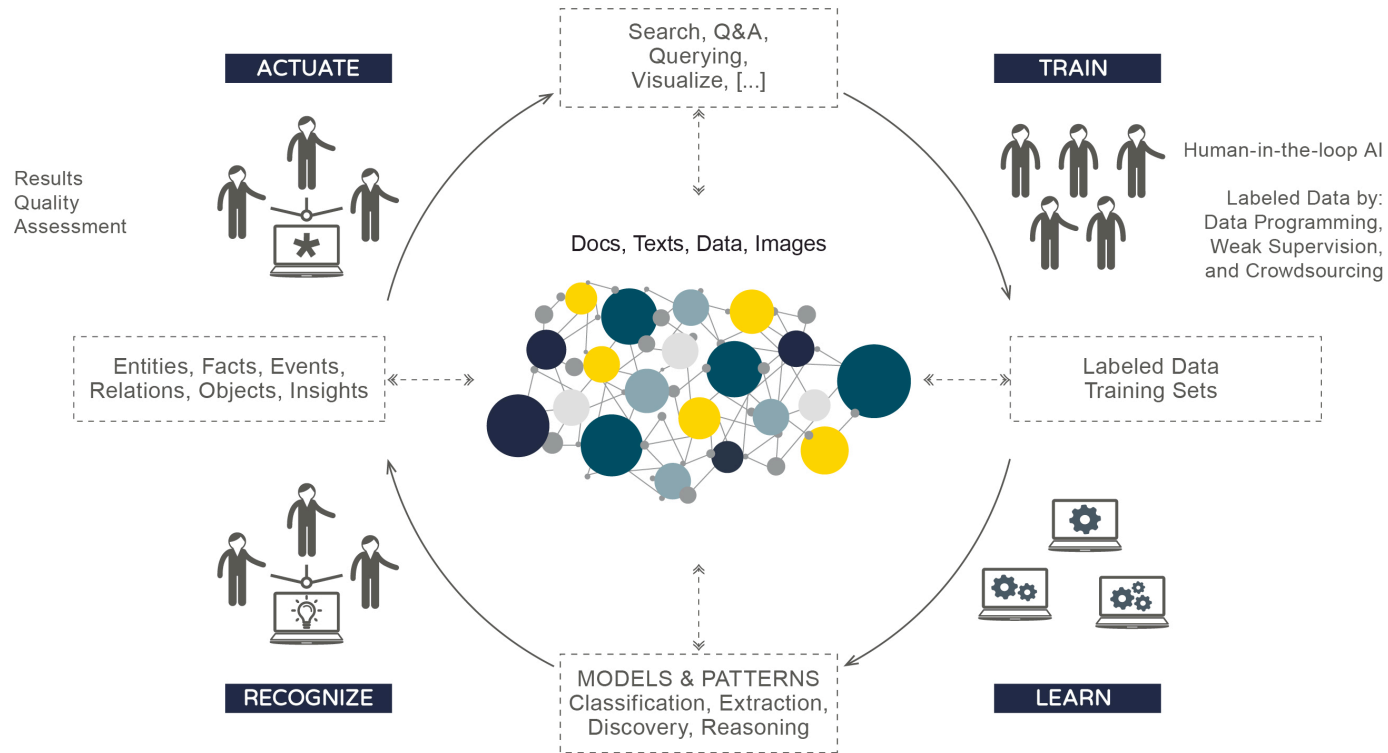
The Solution we Propose



- **Data Programming as Human-in-the-Loop ML**
accelerates and simplify AI adoption in all industries and domains

- **Augmented Intelligence**
combines human and machine intelligence to solve everyday challenges.
It is a combination of data programming techniques and machine learning technologies that enables humans and algorithms to easily cooperate.

The Solution: Augmented Intelligence Paradigm™



Interactive, Collaborative Human/Machine Training & Learning

Data Programming for Textual Data

ALTIILIA augmented intelligence

user_demo

Dataset

Questions

Filters

Your filters

Company

Search...

1 - 5 of 35

Clear all

Altria Group Inc

Anta Sports Products Limited

Anta Sports Products Ltd

Avon Products Inc

British American Tobacco Plc

1 2 3 4 5 6 7

Date

31/12/2016 to 10/09/2019

LW LM LY ALL

Industry

Search...

1 - 5 of 18

Clear all

Appare/accessories

Retail-luxury-stock-listed

"m&a"

Results 11 - 20 of 68

Retail Stress Roils European Stocks

<https://www.investing.com/news/stock-market-news/retail-stress-rolls-european-stocks-1723272>
since July 2016. M&A also drove some big moves with Ingenco (PA: INGC) tumbling after it said it
(Retail (Apparel)) (Text) (News) (2018) (Services) (17 Dec 2018)

European Shares Sink As China Data Derails Hopes Of Santa Rally

<https://www.investing.com/news/stock-market-news/european-shares-sink-as-china-data-derails-hopes-of-santa-rally-1721659>
M&A dominated the headlines in general. German online classifieds company Scout24 (DE: G24n) soared
(Apparel/Accessories) (Lvmh Moet Hennessy Louis Vuitton Se) (News) (2018) (Consumer Cyclical) (14 Dec 2018)

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<https://www.investing.com/news/stock-market-news/retail-stress-rolls-european-stocks-1723272>
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(Retail (Technology)) (News) (Ducos Carphone Plc) (2018) (Services) (17 Dec 2018)

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(Retail (Department & Discount)) (Marks And Spencer Group Plc) (News) (2018) (Services) (17 Dec 2018)

Imperial Brands Drops Dividend Growth Target, Plans \$251 Million Share Buyback

<https://www.reuters.com/article/us-imperial-brands-payout/imperial-brands-drops-dividend-growth-target-plans-251-million-share-buyback-idUSKCN1U30L3>
policy would allow investment in both organic growth and M&A opportunities in tobacco and vaping
(Tobacco) (News) (Imperial Brands Plc) (2019) (Consumer/Non-Cyclical) (05 Jul 2019)

Update 3-Imperial Brands Drops Dividend Growth Target, Plans \$251 Million Share Buyback

<https://www.reuters.com/article/us-imperial-brands-payout/update-3-imperial-brands-drops-dividend-growth-target-plans-251-million-share-buyback-idUSKCN1U30L3>
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(Tobacco) (Imperial Tobacco Limited) (News) (2019) (Consumer/Non-Cyclical) (06 Jul 2019)

ENTITY RECOGNITION CLASSIFICATION Q&A ABT

Question Which companies are involved in M&A operati... X

Topic Merge and acquisition X

Answer Ingenco X

Add

Retail stress roils European stocks

The German share price index DAX graph at the stock exchange in Frankfurt LONDON European shares tumbled again on Monday as a profit warning from online fashion retailer ASOS sent retail stocks spiraling down as investors fretted that consumers are failing to deliver the traditional pre-Christmas spending boost to markets. Euro zone stocks (STOXXE) were down 0.5 percent while Germany's DAX (GDAXI) fell 0.2 percent and Britain's FTSE 100 (FTSE) lost 0.3 percent. ASOS (L: ASOS) shares plunged 36 percent after the British online fashion retailer cut its forecasts, saying November was 'significantly behind expectations'. It was the latest in a string of profit warnings and negative outlooks from retailers including Sports Direct (LON: SPD), Dixons Carphone (LON: DC), and Bonmarche highlighting poor performance in the crucial pre-Christmas trading period. Shares in Zalando (DE: ZALG), a German rival of ASOS and Europe's biggest online retailer, fell 16.8 percent, the biggest STOXX 600 fallers. The selling had wiped 1.3 billion pounds off ASOS' market cap and 1 billion euro off Zalando in the first 30 minutes of trading. ASOS peer Boohoo (L: BOOH) fell 19 percent at the open, before recouping some losses after it reported record Black Friday sales. It was last down 9.8 percent. Swedish retailer H&M (ST: HMB) fell 3.8 percent despite reporting in-line sales figures, as the Asos stress spread. Next (L: NXT) and Marks & Spencer (L: MKS) fell 3.7 percent and 2.4 percent. Europe's retail sector (SIRP) fell 1.3 percent, the worst-performing and hitting its lowest level since July 2016. M&A also drove some big moves with Ingenco (PA: INGC) tumbling after it said it had dropped talks over a possible deal. The stock fell 5.7 percent to its lowest level in five years. Leading euro zone stocks and Britain's FTSE 100 were all set for their worst quarter since 2011, when the region was in the throes of the sovereign debt crisis. Investors smarting from a tough year also had a week of central bank events looming with meetings of the U.S. Federal Reserve and the Bank of England likely to move markets. Retail stress roils European stocks.

Data Programming for Computer Vision Data

ONTOLOGY

Car

1 2 3 4 5 +

Bus

1 +

Pedestrian

1 2 +

Lights

1 +

Bike

Motorcycle



Cognitive Search

Step 1: Review the Assorted Garments



Step 2: Categorize the Assorted Garments

Is this a **DRESS**?

- Yes
- No

What is the **PATTERN** of the dress?

- None/Solid/Other
- Dots (repeated round spots)
- Stripes (consistent colored pattern)
- Checked (repeated squared/rectangle pattern)

What is the **SLEEVE LENGTH**?

- Short
- Medium
- Long
- Bare
- Strap
- Sleeveless

What is the **FIT**?

- Slim
- Regular
- Flare
- Loose

Augmented Analytics

ALTIILIA augmented intelligence™
Test
user_demo

Dataset

Filters

Your filters

Company

11 - 15 of 85 Reset

- 10 CARNIVAL CORP
- 73 CARNIVAL CORPORATION
- 52 CARNIVAL PLC
- 13 CHRISTIAN DIOR
- 63 COACH INC

1 2 3 4 5 6 7 ... 16 17

Country

1 - 1 of 1 Reset

- 73 United States

Date

ML Annotation

Hot Keyterms

Selected Keyterms

china x barrel x Close all

Interest over time

LW LM LY ALL 10/09/2018 to 10/09/2019

Facts

Subject	Predicate	Complement
a speech on China policy	increase	optimism
the administration	have continue to threaten	China
Wall Street	to defer	a speech on China policy
China	make	its first major purchase of soybeans in 6 months on Wednesday
China SXT Pharmaceuticals Inc	to close	at 4.3400

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Massimo Ruffolo

massimo.ruffolo@altiliagroup.com

+39 334 6792080

Thanks.



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P. IVA IT 10780921002

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