Miroglio Group

Al in Retail: From Present Innovations to Future Transformations in Omnichannel Commerce



We make things happen and grow together, exploring the world of fashion in all its forms:



Fashion

with our fashion brands: Trussardi, Elena Mirò, Motivi, Oltre, Fiorella Rubino, Luisa Viola and Diana Gallesi.



Transfer Printing

with Sublitex, world leader in the field of sublimation printing on transfer paper and technical film.



Integrated logistics and supply chain management

through the internal management of customized logistics services and garment production.







574M

euro turnover



41

countries in which we operate



10

brands



6800

employees



1700

Wholesale stores



1100

monobrand stores



production plants



30

Subsidiary companies



e-commerce websites



5M

customers

Miroglio Group

TRUSSARDI



ELENA MIRÒ



OUR BRANDS

motivi



oltre



FIORELLA RUBINO



LUISAVIOLA



DIANA GALLESI



Our Journey in the Use of Artificial Intelligence



Sporadic use

Isolated personal initiatives, without an overview





Strategic Vision

Recognition of transformative potential and Internal Qualification



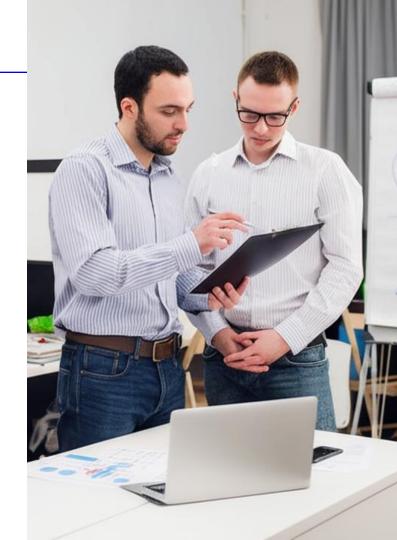
Independent ownership

We created a specific Al Innovation role, reporting directly to the CEO



Structured Program

Enterprise-wide engagement with clear goals



How Miroglio integrates Al



1. Spreading knowledge

Internal training on how AI helps





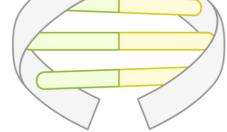


Identification of inefficient workflows and prototype-driven approach

2. Driving Innovation

People as enablers of more efficient processes







Customized solutions for business needs

GOAL

Daily, proactive, and programmatic use of Generative AI across the entire company



1. Spreading knowledge





Internal Survey

Foundation for defining levels of knowledge and practical usage



Extensive training

Training programs to create ambassadors in each function



Accessible Tools

Development of applications of common utility (e.g. translations or chatbots for store customer care)



Knowledge Sharing

Piattaforme per scambiare casi d'uso e best practice.



Community

Network of experts and enthusiasts.

Examples of applications available to everyone



Web App

Translate







Some examples:

- Text/File Translate
- Video Translate
- Video to Text
- Web Scraping
- Integration of ad-hoc GPTs

Chatbot for stores

Creating a conversational agent trained by our knowledge Instruments:

- · Atlassian: native functionality in Beta
- Bedrock Studio: Native Supplement with Confluence

- Reduce the number of tickets from stores
- Increase the speed of response from stores
- Mitigating the problem of staff turnover

2. Driving innovation on two fronts: Increase efficiency and new activities



The Al manager - together with the business - conduct a critical analysis of processes at all levels and in all areas with the aim of designing a roadmap of use cases with two purposes:

1. Make existing processes more efficient

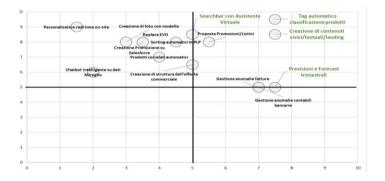
- Reduce human time and free up resources for activities with greater added value
- Reduce the costs of repetitive activities

2. Exploring New Frontiers

- Tackling highly complex and impossible challenges with traditional methods
- Reduced development and implementation time

Prioritization

 Creation of a matrix that relates Ease of Implementation/Potential Business Impact to define the priority Use Cases to be activated



 Prototype-driven approach, funded by AWS (about \$100K)



Pilot Areas and Use Cases



Merchandising

Automatic tagging of products

Finance

Quarterly Forecasts with exogenous data integrations

Marketing

- Editorial shoots (change of setting, lights, etc.)
- Sizing and adapting of adv content for the different channels

Trade Marketing

What if scenarios to determine the best promotion to apply in a given period/store/product

E-commerce

- Product description and translations
- · Ecommerce shooting
- Virtual agent for search
- · First-level customer care

Tags for product classification and descriptions (Italian + translations)



Problem

- Manual tagging of each product to best describe it.
- Costly process in terms of time, effort and consistency.
- Actual descriptions of many products that are concise and do not offer the customer the product experience.
- Translations often missing

Solution

- Combine Al models (Claude 3.5) with Machine Learning to generate tags, descriptions in Italian and other languages
- Implementation of outputs directly on product management systems (PLM and DAM)

- Enabler for more detailed merchandising analysis
- Provide customers with richer, storytelling-driven, and SEO-focused product descriptions
- Accelerate the descriptioncreation workflow across all languages, while optimizing costs

Photoshoots backgrounds and formats



Problem

- Photoshoots involve high costs for model coordination, agency fees, studio rental, and more
- The photo background doesn't always suit the context or timing of the product's release.
- Creating marketing content in all required formats (banners, window decals, digital ads, newsletters, etc.) demands significant internal and external (e.g., agencies) time and resources

Solution

- Use generative Al models to modify or create photo backgrounds, starting from the model or still-life image
- The generative models will take the photo to be edited as input and will allow you to:
 - Upload a second image to use as the background
 - Enter a text prompt describing the background and context to apply to the image
 - Select the target channel
 - Choose the format
 - Provide the generative model with text instructions (logo, header, CTA)

- Cost savings across the entire photoshoot process
- Time savings
- Tailor product communications to the specific timing or target touchpoint

Ecommerce Virtual Agent



Problem

- The current search bar is an interface element that doesn't help customers discover or select products they're interested in
- High maintenance and optimization costs

Solution

- Implementation of an advanced, intelligent search bar trained on our products and product tags
- The agent will serve as an assistant and guide for product discovery and conversion

- Improvement of the **conversion** rate
- Offer an occasion-based styling and full-look feature alongside semantic search
- Increase visibility of products that don't surface in traditional search

Ecommerce shooting



Problem

- High costs of traditional photo shoots
- Delays in publishing products online

Solution

 Al generates all color variants of a product with virtual models

- Significant savings on production costs
- Time-to-market acceleration: 2 weeks vs 2 hours
- New possibilities: testing of color variants before production

Ecommerce shooting: examples







Input: on model photos in black variant



Input: still life photos







Output: Al generated model in 2 different color variants



Output: on model (real model) photos, with total look

Quarterly forecasts using both proprietary and external data



Problem

- No tool currently integrates external data with our own proprietary data to generate quarterly revenue and margin forecasts
- Missed opportunities for more effective budget management

Solution

- Development of a quarterly forecasting model for each sales channel (Digital, Retail, Wholesale) incorporating external data (e.g., macroeconomic variables, Consumer Price Index, weather conditions)
- The model output will be dynamic, generating What-If scenarios.

- Improve and optimize financial planning
- Forecast revenue and margin impacts across different scenarios

Miroglio Strategy: Initiative, Decentralization and Experimentation



