

AMMAGAMMA

Artificial intelligence solutions



Ammagamma è una società che sviluppa soluzioni di AI per le imprese. È composta da un team di ingegneri, matematici, informatici, filosofi e designer.

Contribuiamo allo sviluppo di una **società consapevole** delle potenzialità, delle implicazioni e dell'impatto di questa tecnologia.

Cosa facciamo

→ Consulenza

Collaboriamo con te, mettendo a disposizione **competenze avanzate**, per affrontare le tue sfide tecnologiche e industriali più complesse.

→ Soluzioni

Impieghiamo soluzioni di intelligenza artificiale performanti, che si **integrano facilmente** con l'infrastruttura esistente.

anagram

Migliora l'efficienza della **produzione**

ahead

Assumi **decisioni strategiche** in anticipo

aware

Ottimizza la **gestione** del tuo **magazzino**

adoc

Gestisci i tuoi **documenti** in modo **automatico**

aforex

Prevedi i **tassi di cambio** della valuta estera

Leadership



Fabio Ferrari
Founder, Chairman



David Bevilacqua
CEO



Gian Luca Beneventi
COO

2013

fondazione

90+

persone

2 sedi

Modena, Haifa

250+

clienti

80+

soluzioni di AI



Will AI really replace all our jobs?

The robots are indeed coming. But should we really be scared?



DISRUPTION BY DATA

By Kevin Rands, Contributor, CIO | [WIRED](#)

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TELECOMUNICAZIONI • 20.03.2023

Google chiede aiuto ai due fondatori per combattere ChatGpt

Larry Page e Sergey Brin scendono in campo contro le Intelligenze artificiali che stanno inondando il web di contenuti



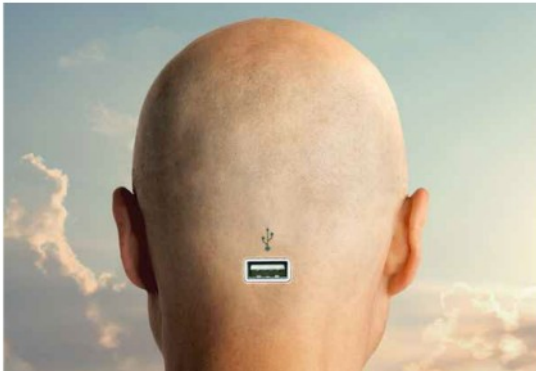
The Economist
经济学人
商论

关于 常见问题 使用条款

Clever computers

The dawn of artificial intelligence

Powerful computers will reshape humanity's future. How to ensure the promise outweighs the perils

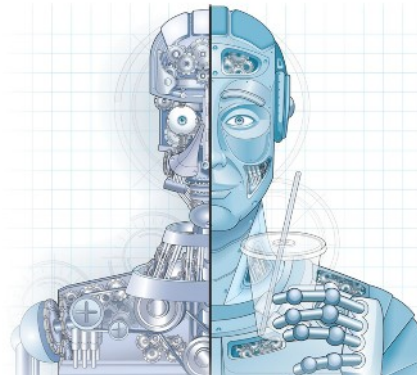


THE WALL STREET JOURNAL

THE FUTURE OF EVERYTHING | ARTIFICIAL INTELLIGENCE

How Computers With Humanlike Senses Will Change Our Lives

With help from artificial intelligence and special sensors, next-generation robots will be able to perform tasks ranging from understanding speech in a noisy environment to sniffing out phony wine



Frankfurter Allgemeine

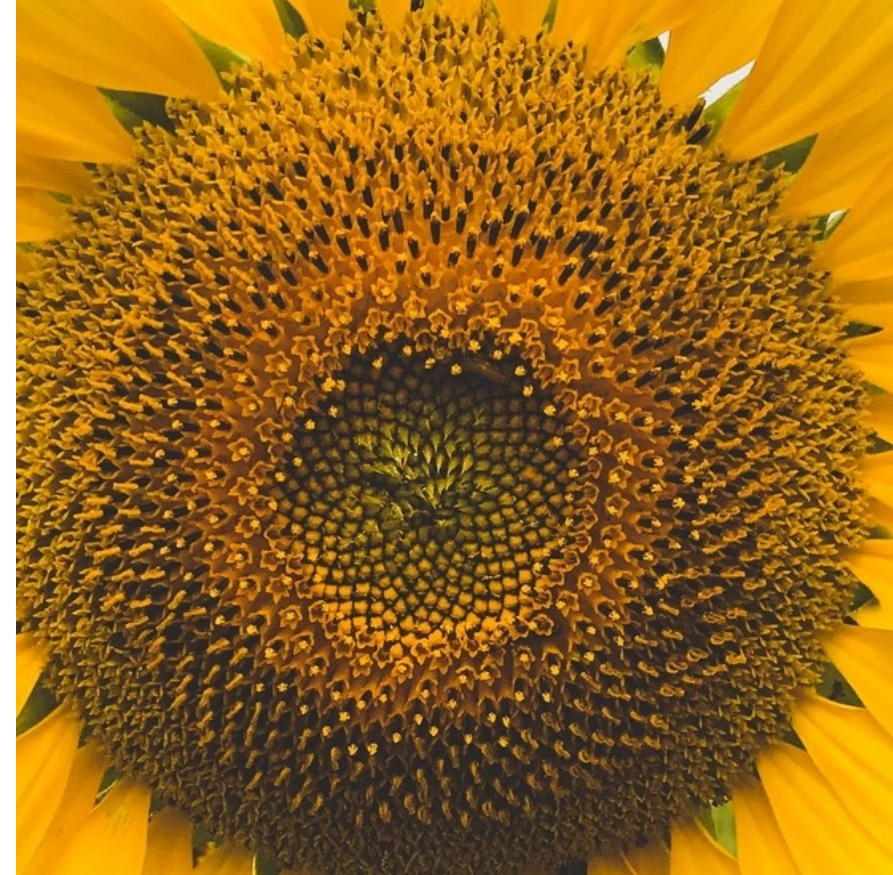
COMPUTER SCIENCE

Giving AI Some Common Sense

VON RON BRACHMAN AND HECTOR LEVESQUE - AKTUALISIERT AM 25.07.2022 - 11:46

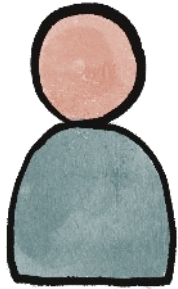


Big data vs. Right data



<https://fortune.com/2022/06/21/andrew-ng-data-centric-ai/>

AI is “simple”...



Business

Understand
problem and data



Math

Create a model to
optimize a process



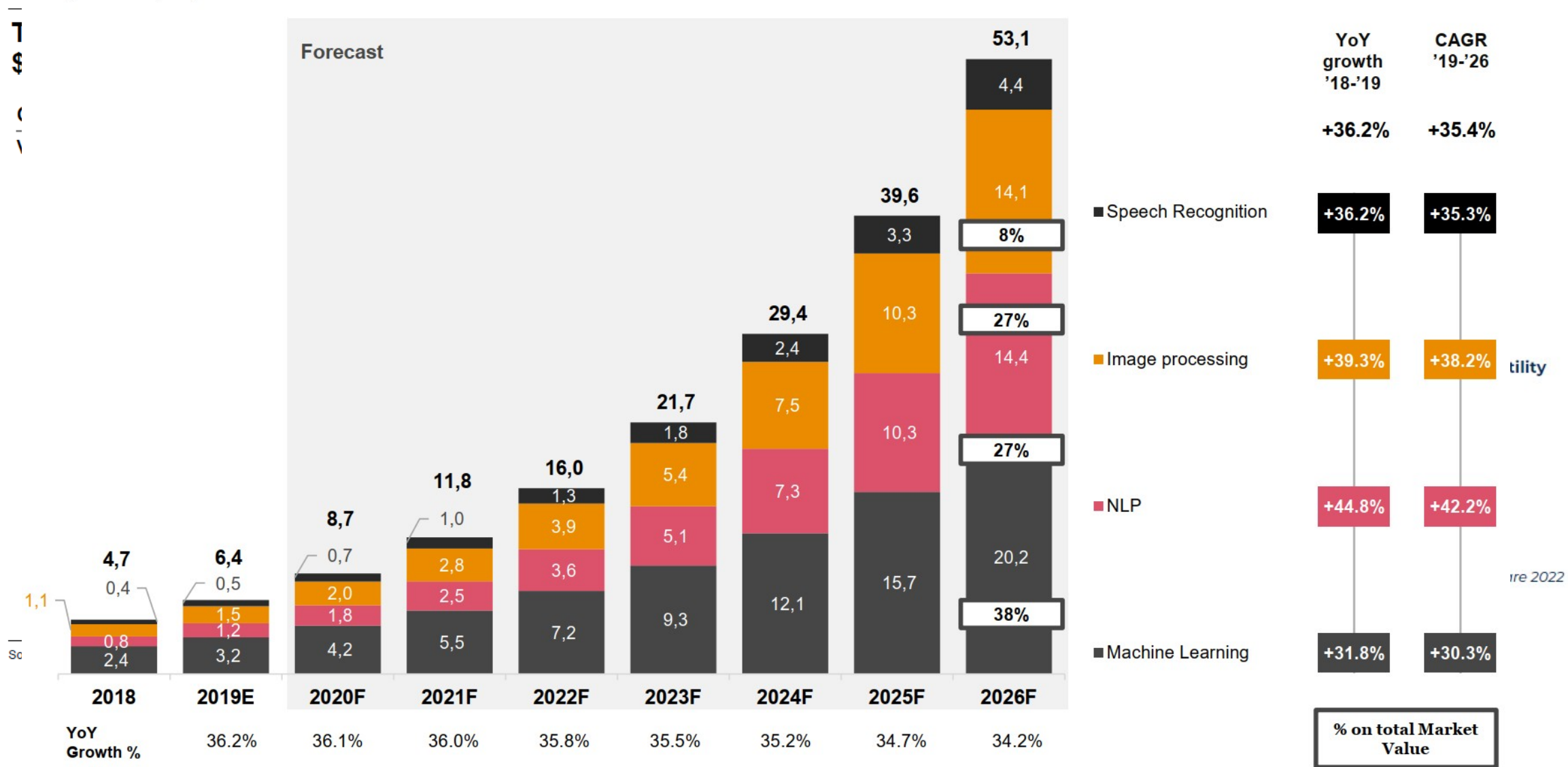
Software

Code it!

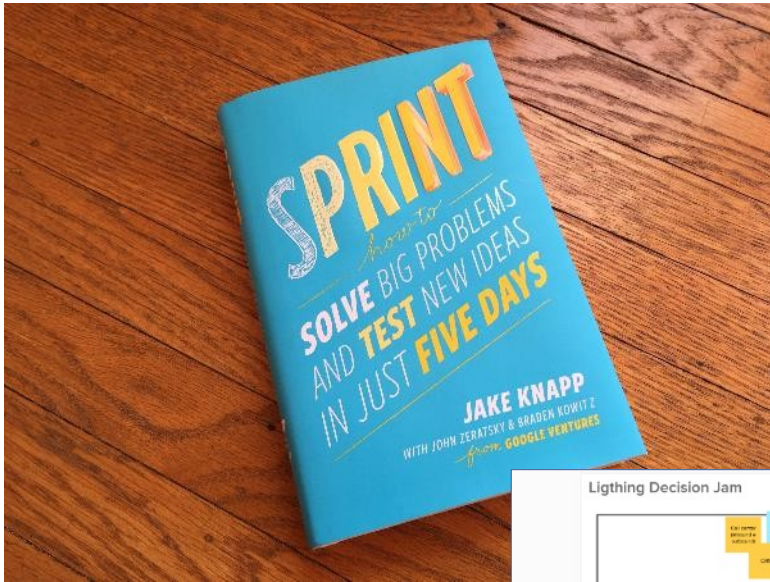
Global AI Market – by Technology

(US\$ Bn, %)

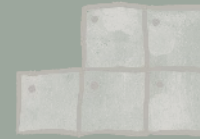
Source: PwC analysis and elaboration on Gartner, Grand View Research, Allied Market Research 11



Modular AI



Design with customer

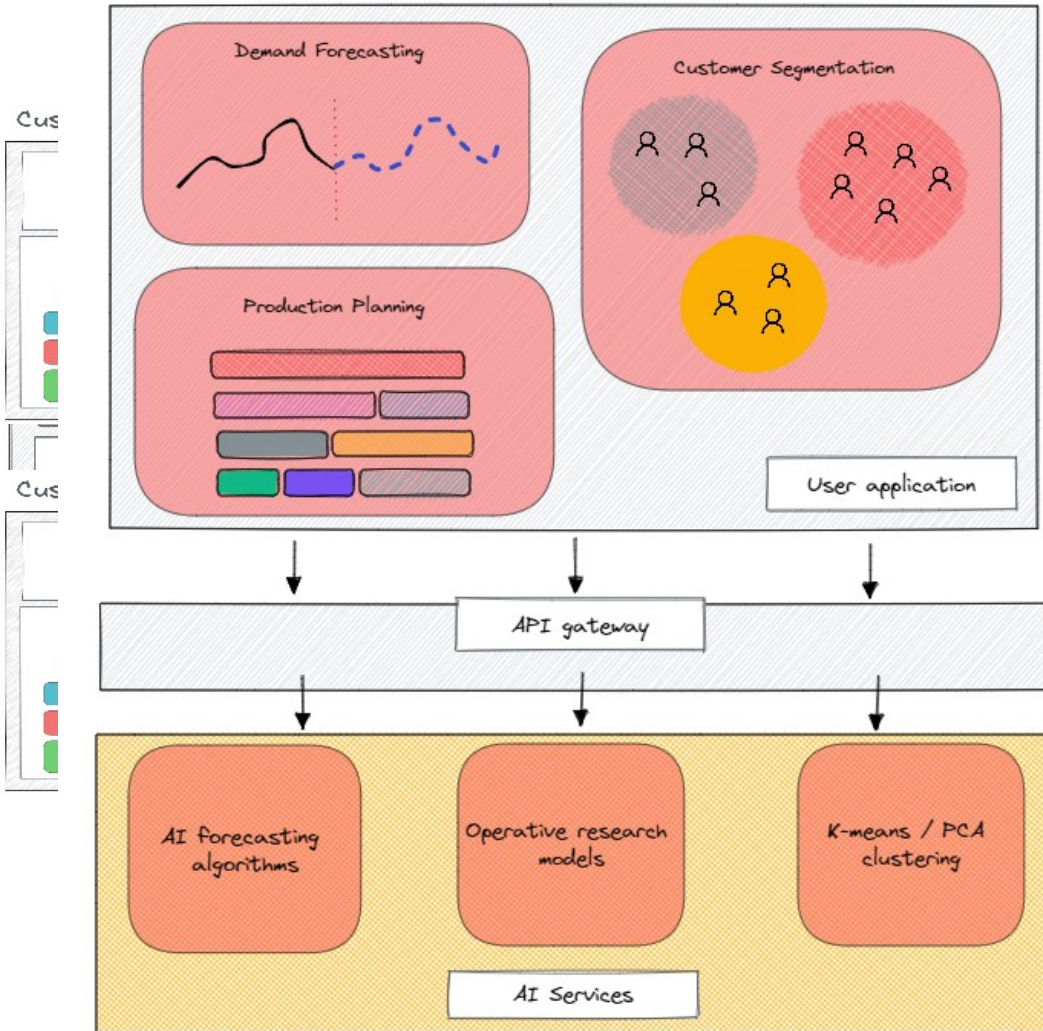


Composable services



AI, for real

Modular AI



Design with customer



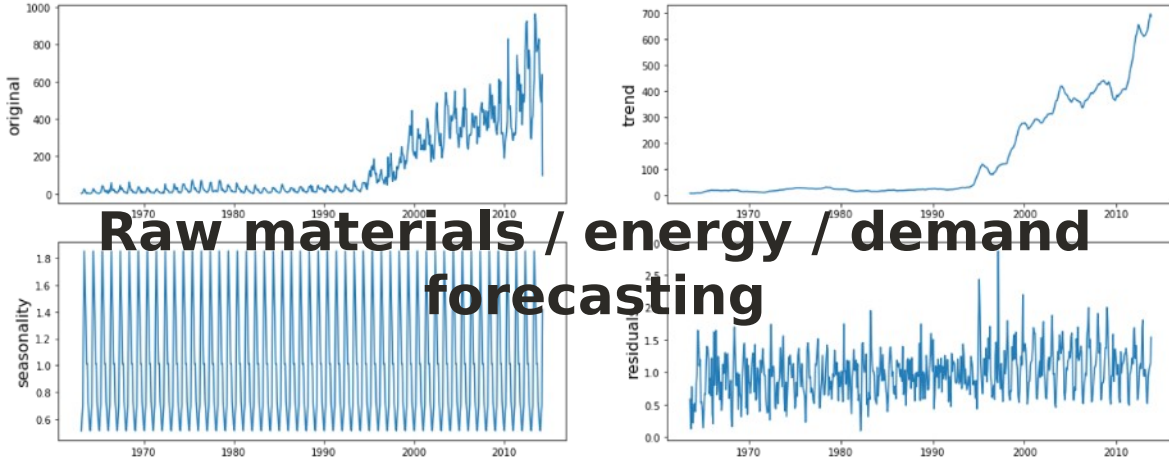
Composable services



AI, for real

Modular AI

UFO Sightings (1963-2014) - Decomposizione moltiplicativa



Raw materials / energy / demand forecasting

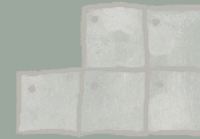
Inventory / production scheduling optimization

● **Optimal solution**

$$S_{p,k} = \sum_{i=k, \dots, k + \lfloor \frac{s_ggp}{5} \rfloor - 1} w_out_{p,i} + \frac{\text{mod}(s_ggp, 5)}{5} w_out_{p, k + \lfloor \frac{s_ggp}{5} \rfloor} + S_{agg}$$



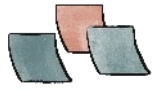
Design with customer



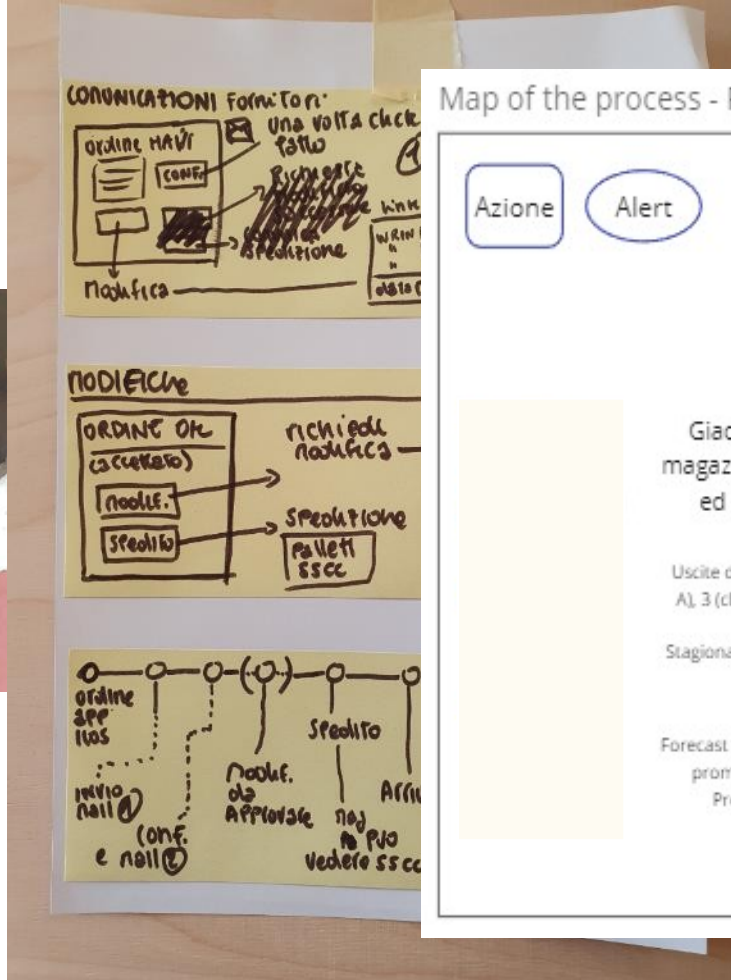
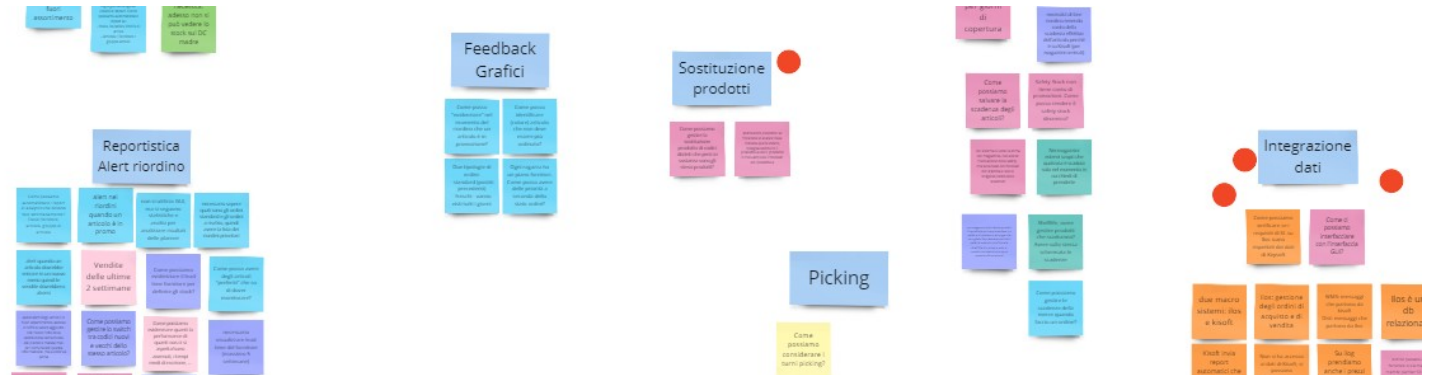
Composable services



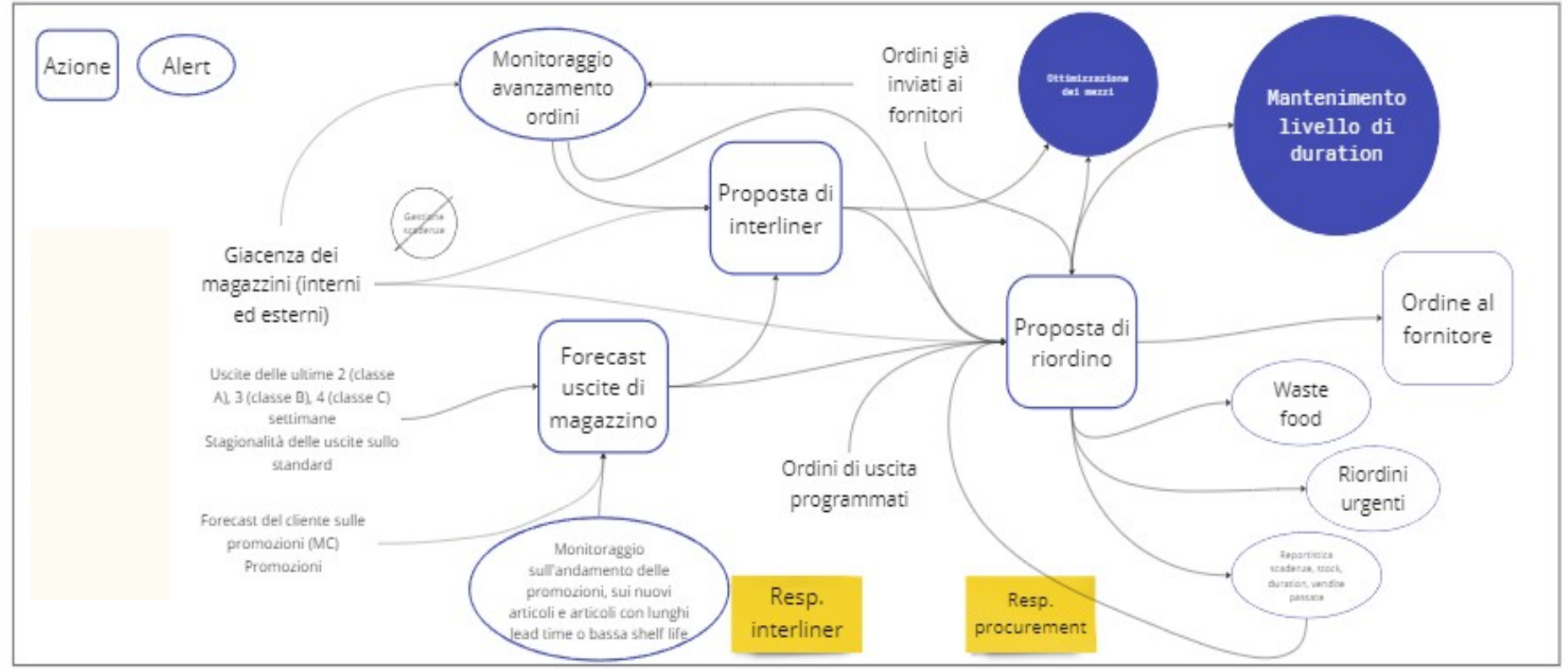
AI, for real

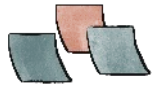


Design with customer



Map of the process - Review





Design with customer

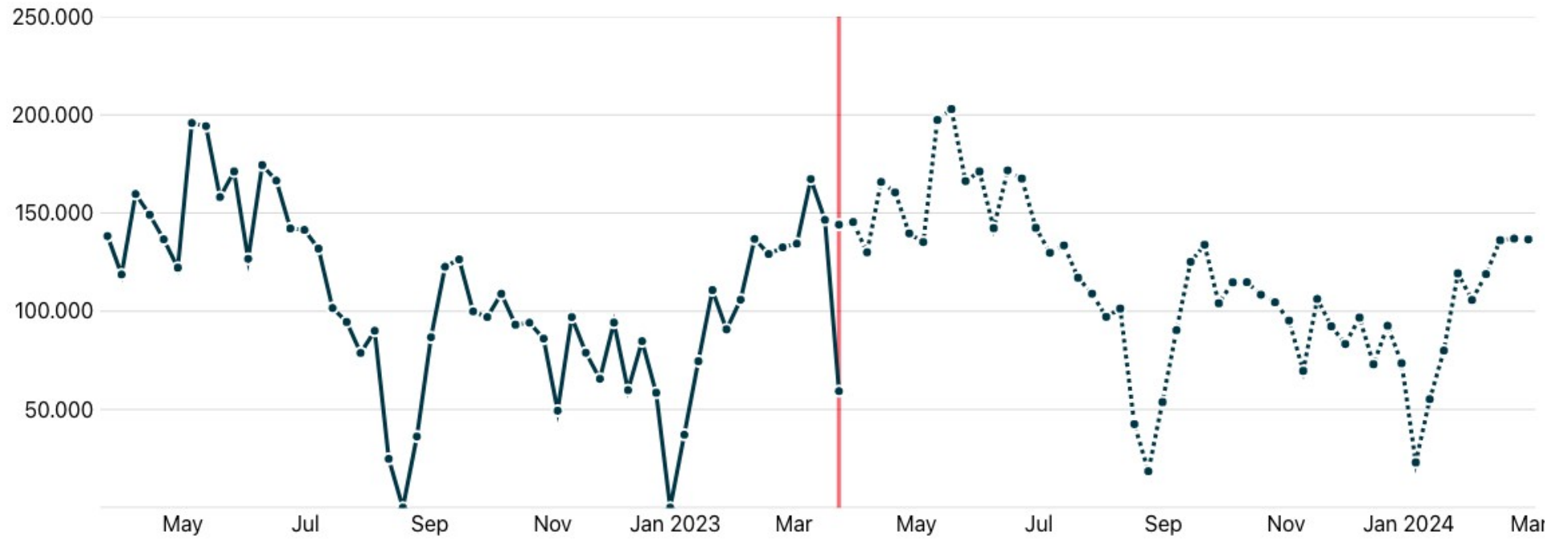


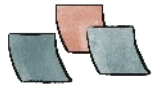
Forecasting service

aware

Amma Gamma
Admin

- Home
- Previsione Domanda
- Magazzino
- Inserimento Dati
- Gestione utenze
- Audit
- Supporto





Design with customer



Forecasting service

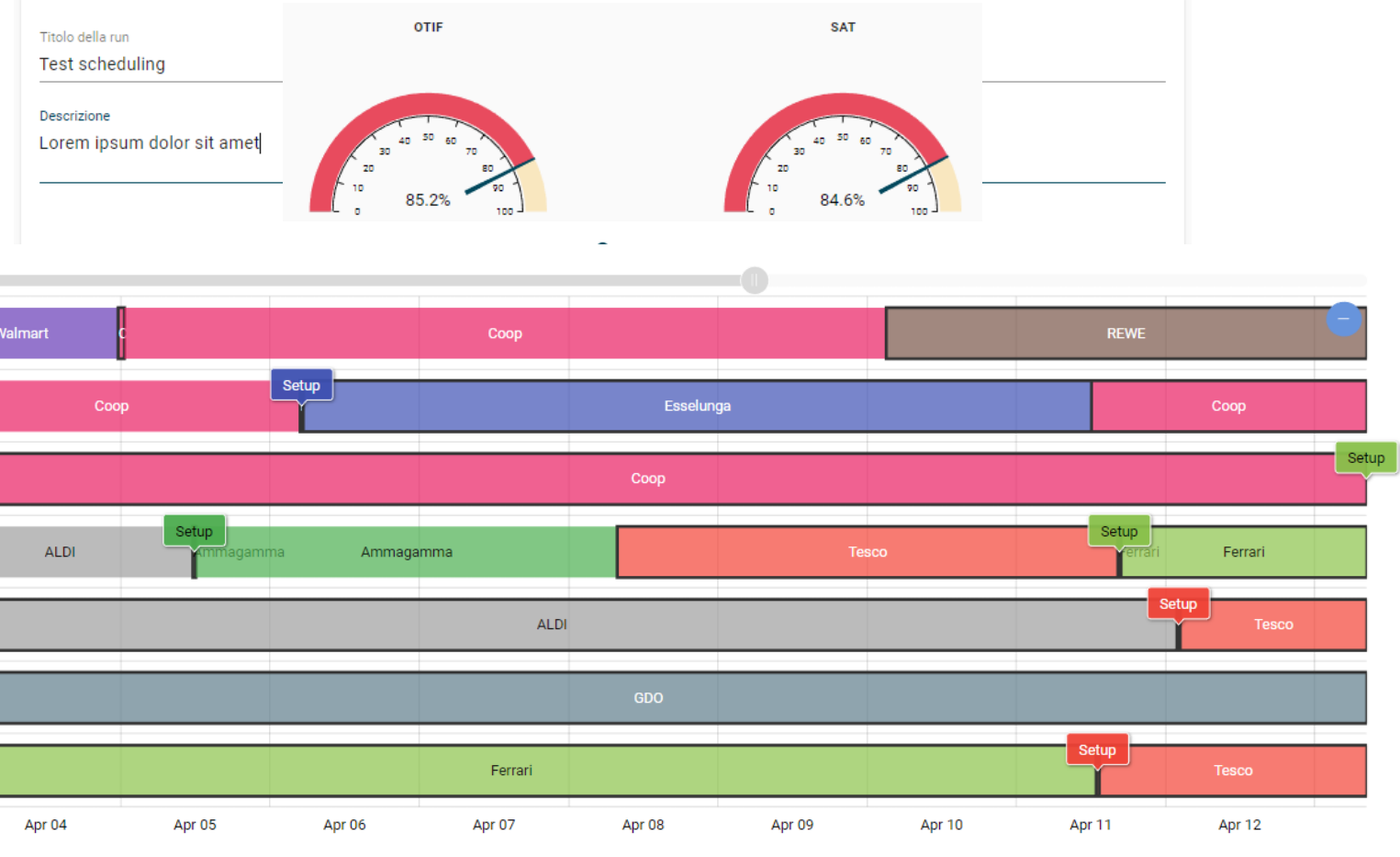


Optimization service

aware

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Design with customer



Forecasting service



Optimization service

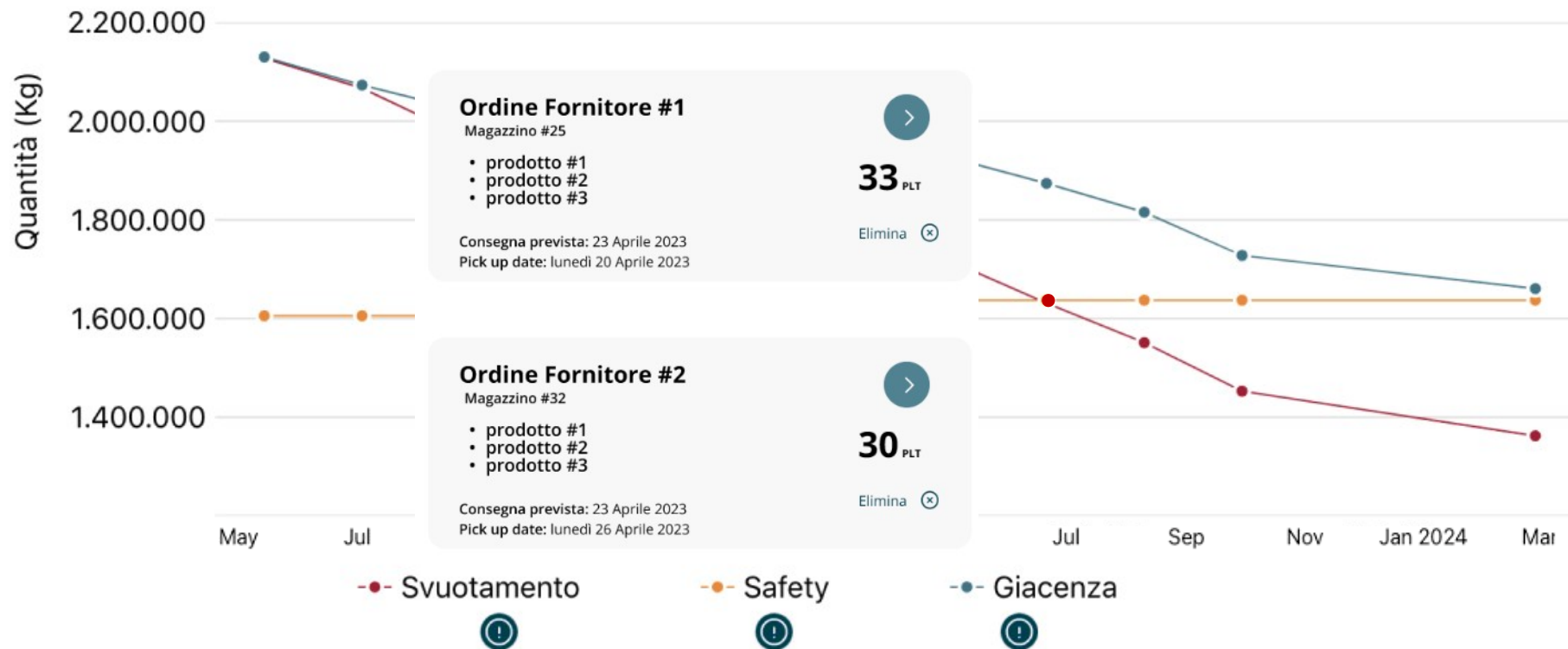


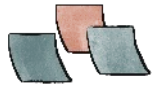
Optimization service

aware

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Design with customer



Forecasting service



Optimization service



Optimization service



**100%
Managed SKUs**

**Cloud-based
SaaS Platform**



**-90%
Process time**

**-15%
Working capital**



**-450 kg/day
Waste food**



**New way of
working**

More in the afternoon...

Thank You!

a.mordenti@ammagamma.com