



uniMC
UNIVERSITÀ DI MACERATA

I'umanesimo che innova

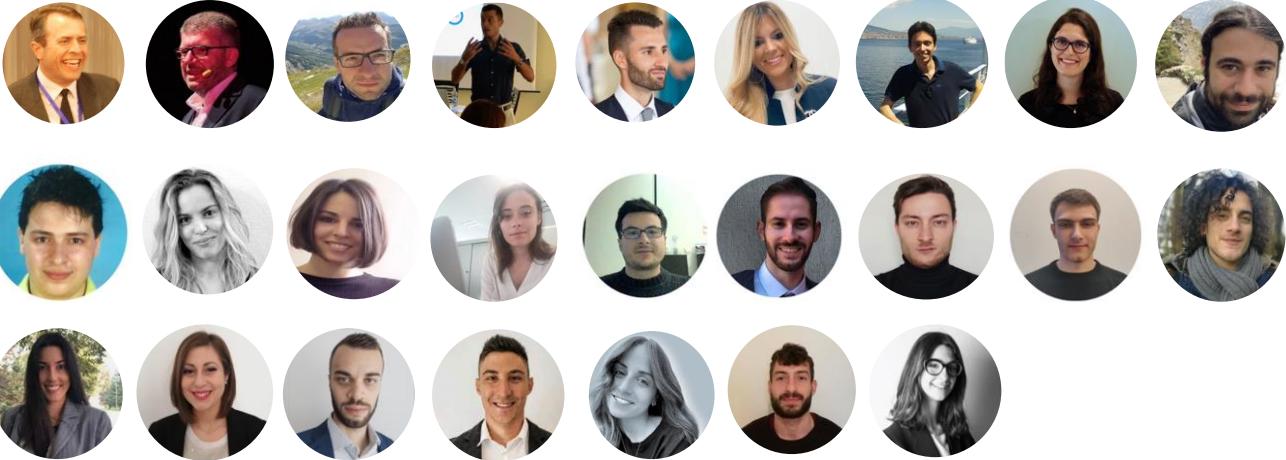
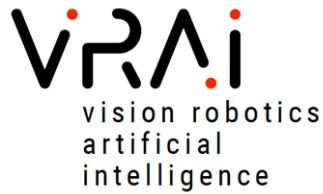
La «cultura» dell'AI Generativa e la collaborazione uomo-AI

EMANUELE FRONTONI

Full Professor of Computer Science UNIMC
Co-director VRAI Lab

VRAI
vision robotics
artificial
intelligence





UNIVERSITÀ
POLITECNICA
DELLE MARCHE



unIMC
UNIVERSITÀ DI MACERATA



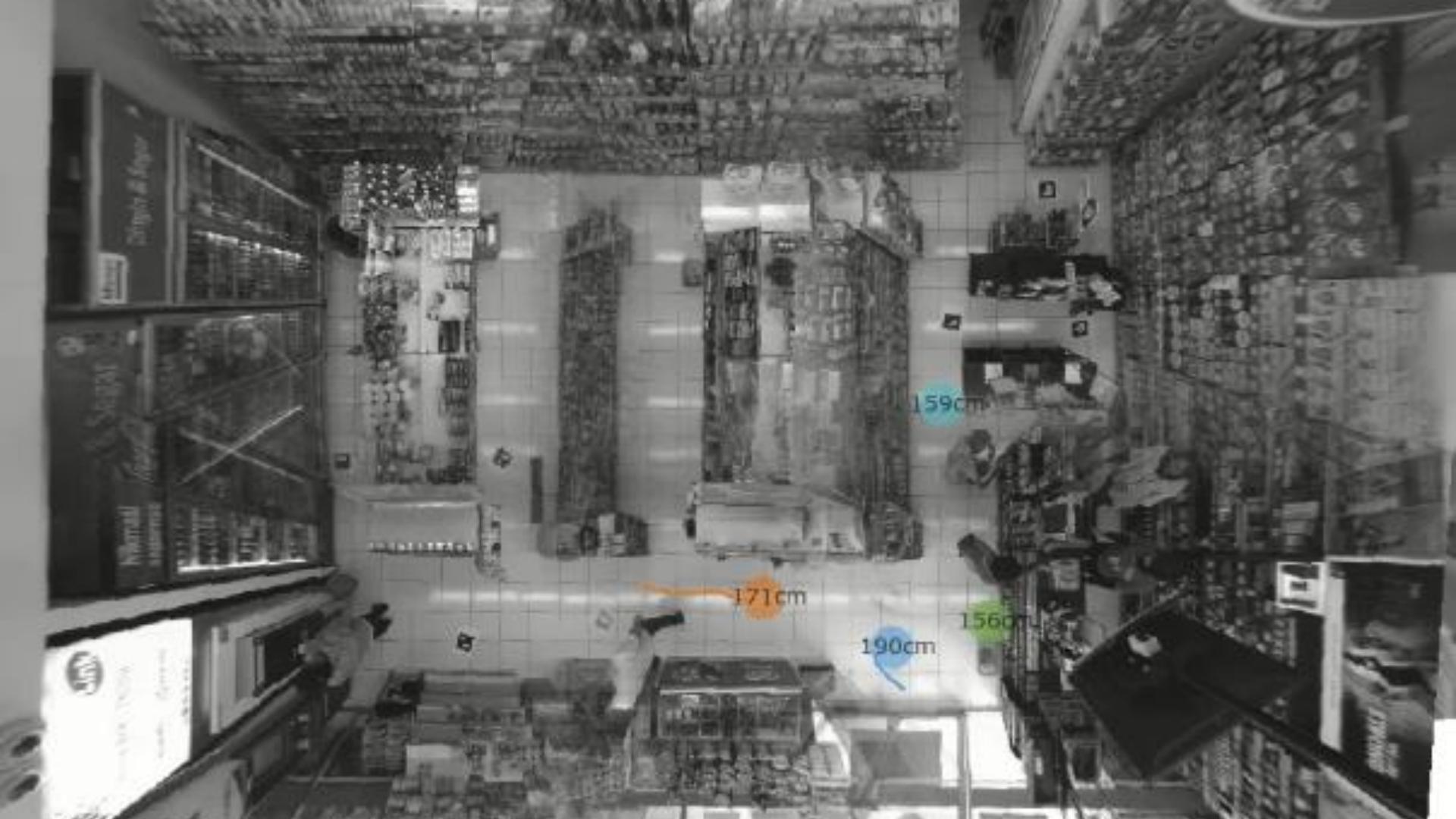
Sant'Anna
Scuola Universitaria Superiore Pisa



ISTITUTO
ITALIANO DI
TECNOLOGIA



BOSTON
Northeastern
University

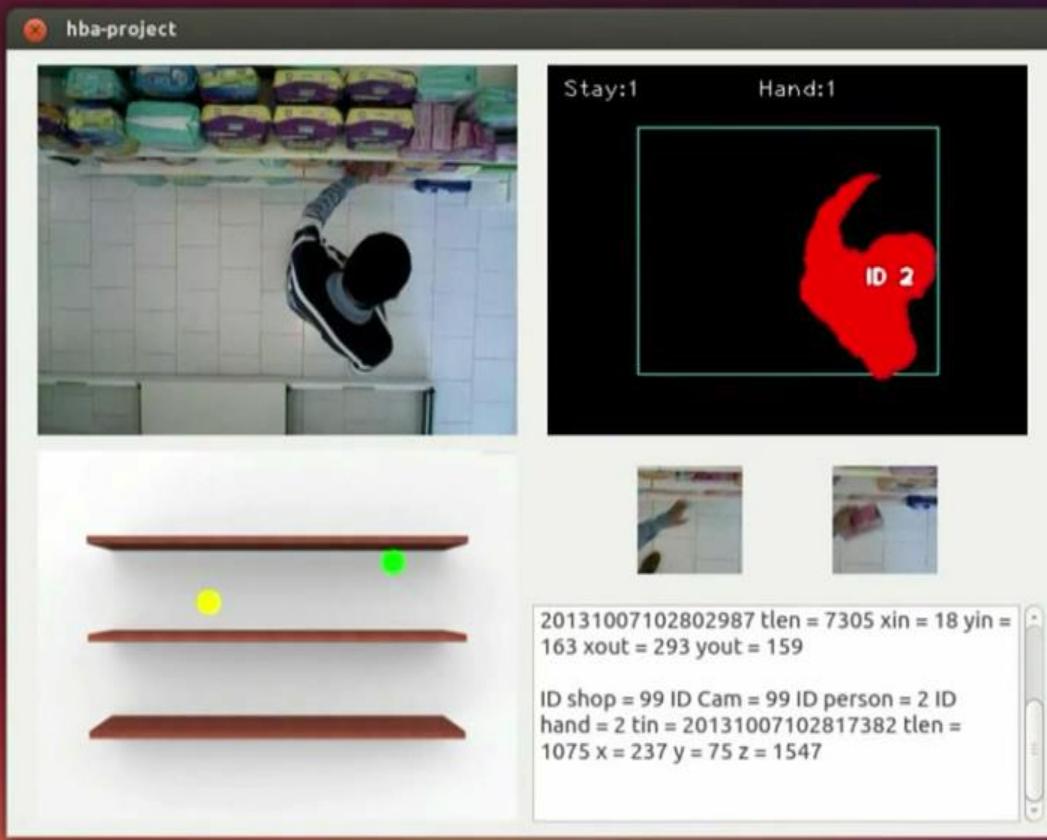


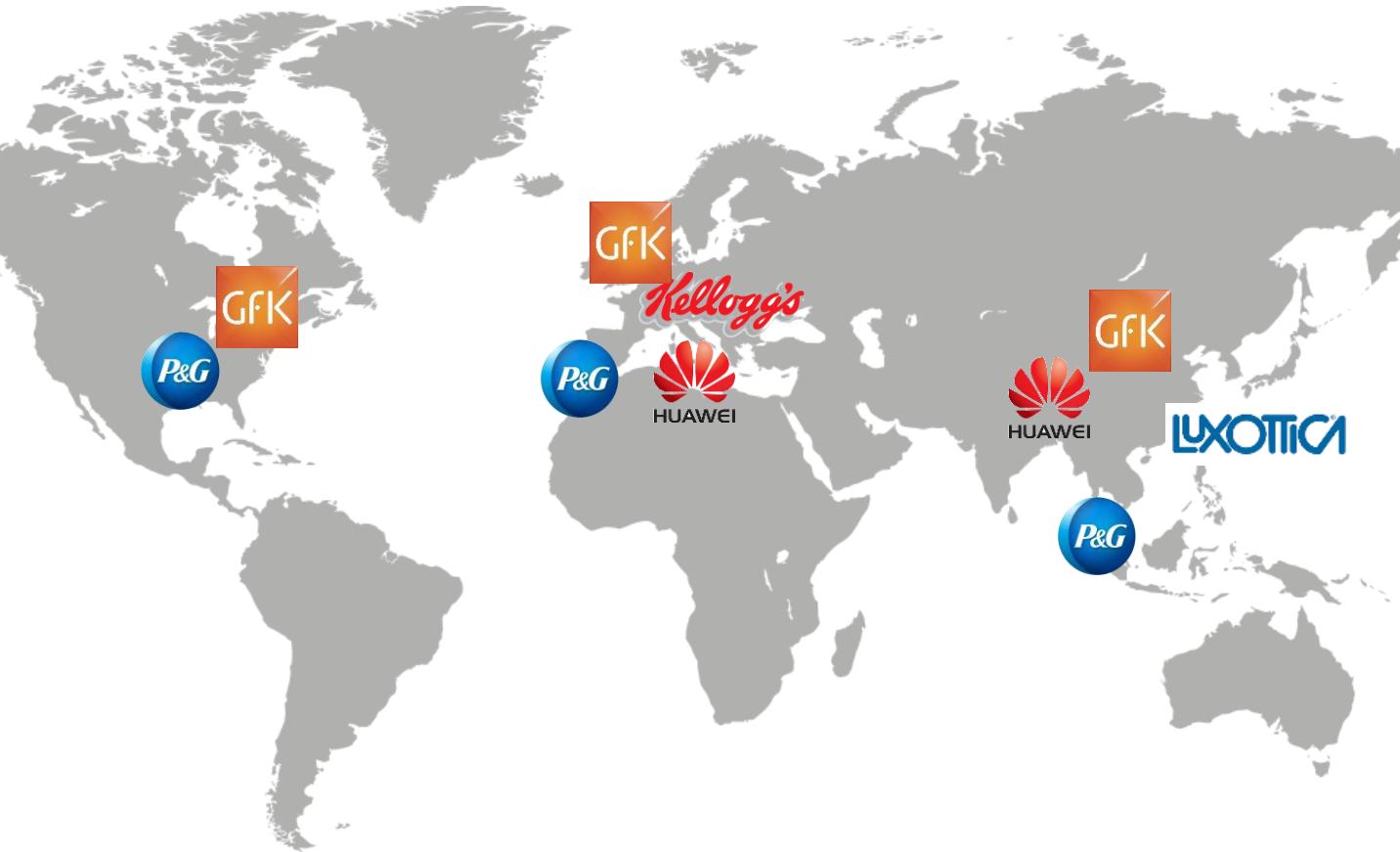
159cm

171cm

156cm

190cm





Collected Data
2016-2019

Consumatori
16.323.710

Interazioni
6.104.788

TRENDS & STYLES

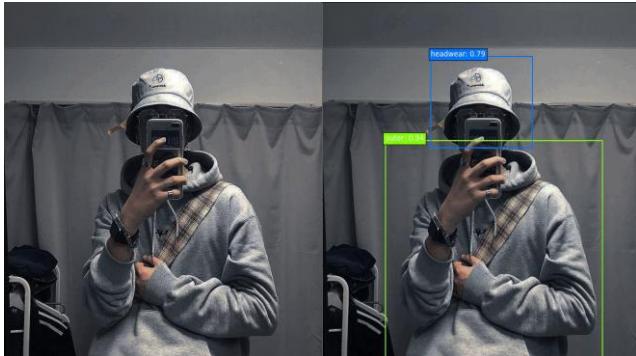


80.000 immagini / ora

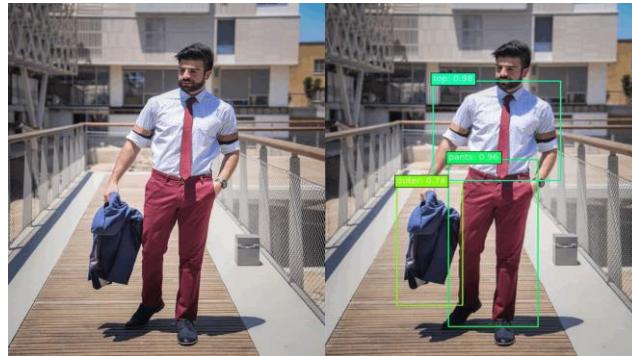


ANALISI DI STILI E TENDENZE

Visual Evaluation on Instagram Images



#outfit



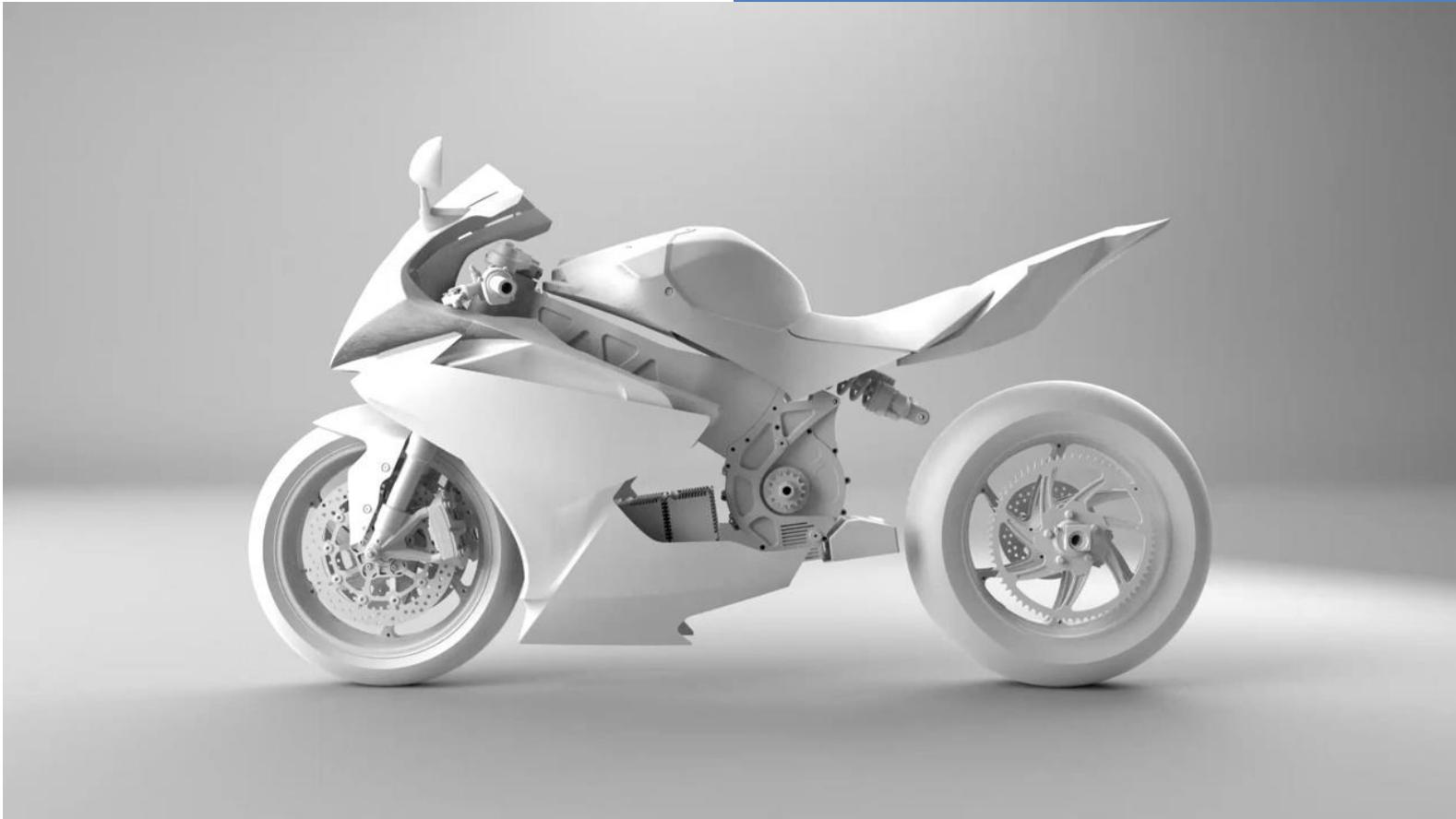
#streetoutfit



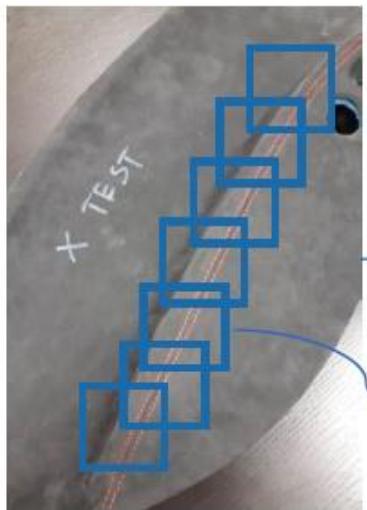
#streetstyle



GENERATIVE DESIGN & PROMPT



GENERATIVE QUALITY CONTROL

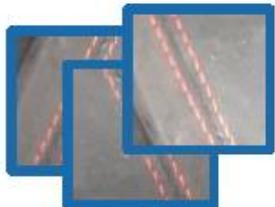


Analisi e segmentazione
cucitura



Selezione randomica di
immagini contenenti cuciture

Data Augmentation
(rotazioni, flip h e v, luminosità)



Annotazione manuale immagini
Colore & Materiale



Dataset Cuciture V1
Multi cucitura, multi colore, multi materiale
Con annotazione completa e Data Augmentation

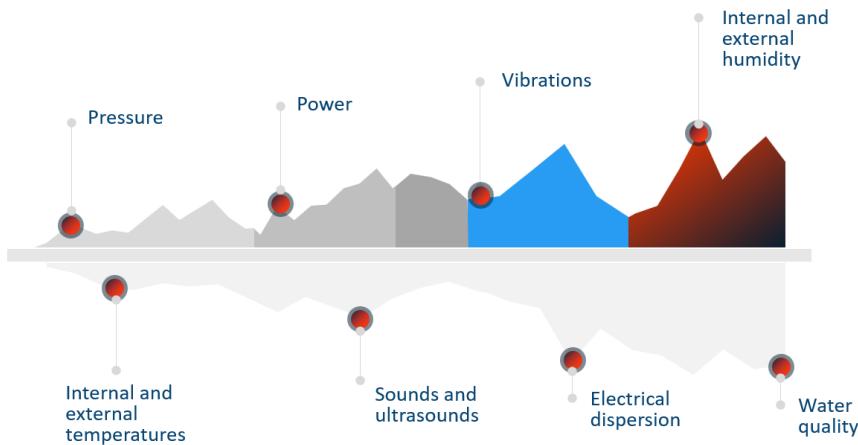




Gli LLM specializzati e i detentori di conoscenza



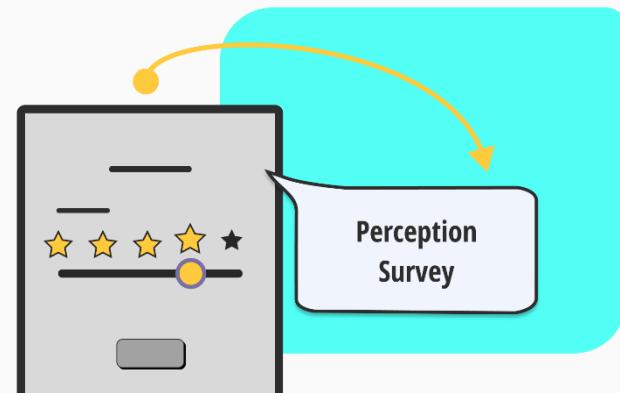
CASE STUDY: PREDICTIVE MAINTENANCE



PERCEPTION & GENAI



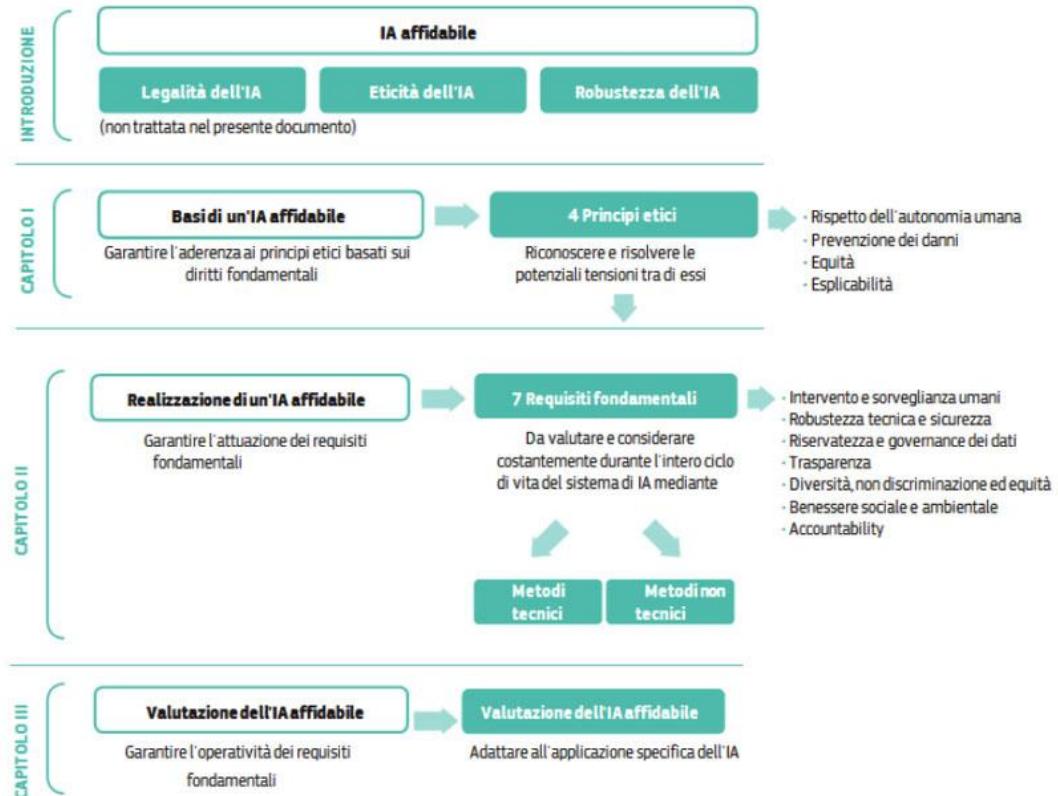
GENERATIVE
CONFIGURATIONS BASED
ON PERCEPTION



AI & ETICA



Quadro di riferimento per un'IA affidabile



Voice
for Purpose.

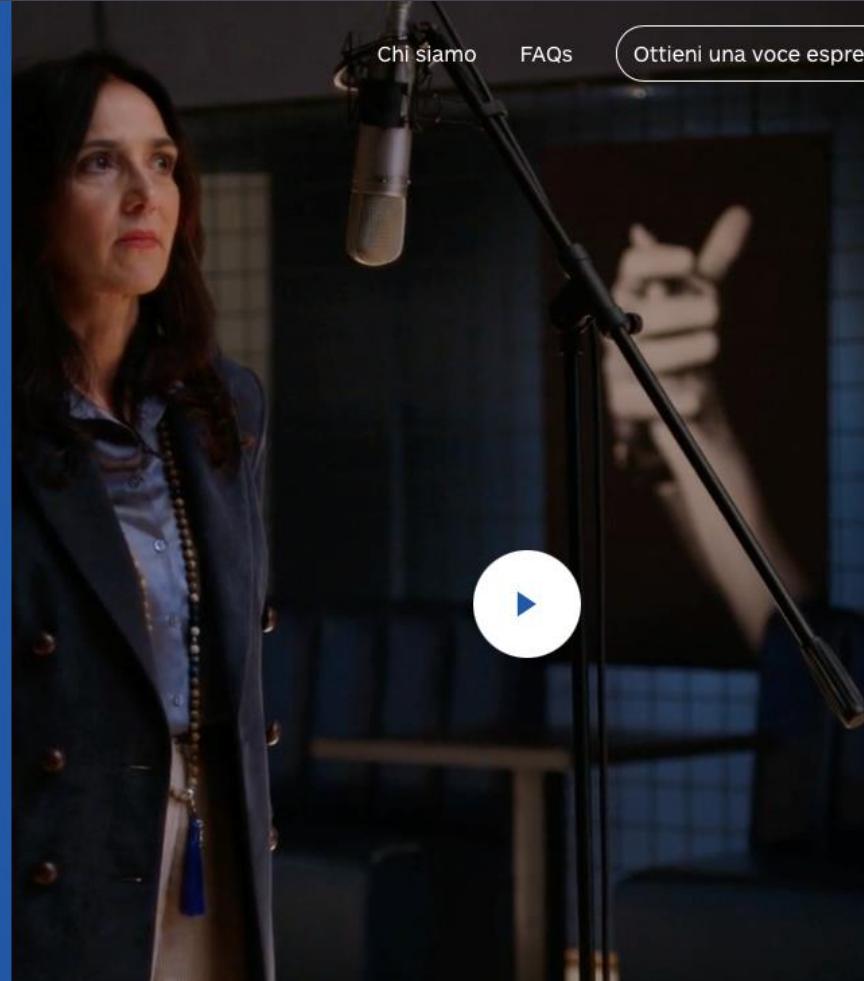
Un consorzio globale
per restituire voci
umane ed espressive
a chi è costretto a
usare sintetizzatori
vocali

Dona la tua voce

Chi siamo

FAQs

Ottieni una voce espressiva





Non c'è niente di più prezioso
della nostra voce.