



Tailored A.I. for Business Growth

World AI Cannes Festival 2022

Matteo Bregonzio, Ph.D
Chief Technology Officer



Tailored A.I. for Business Growth

Data Visualisation, Augmented Analytics and Machine Learning

BUSINESS AREAS

AI per
MARKETING & SALES



AI per
FINTECH



AI per
DATA MONETIZATION



**MACHINE LEARNING
MODEL SERVING**





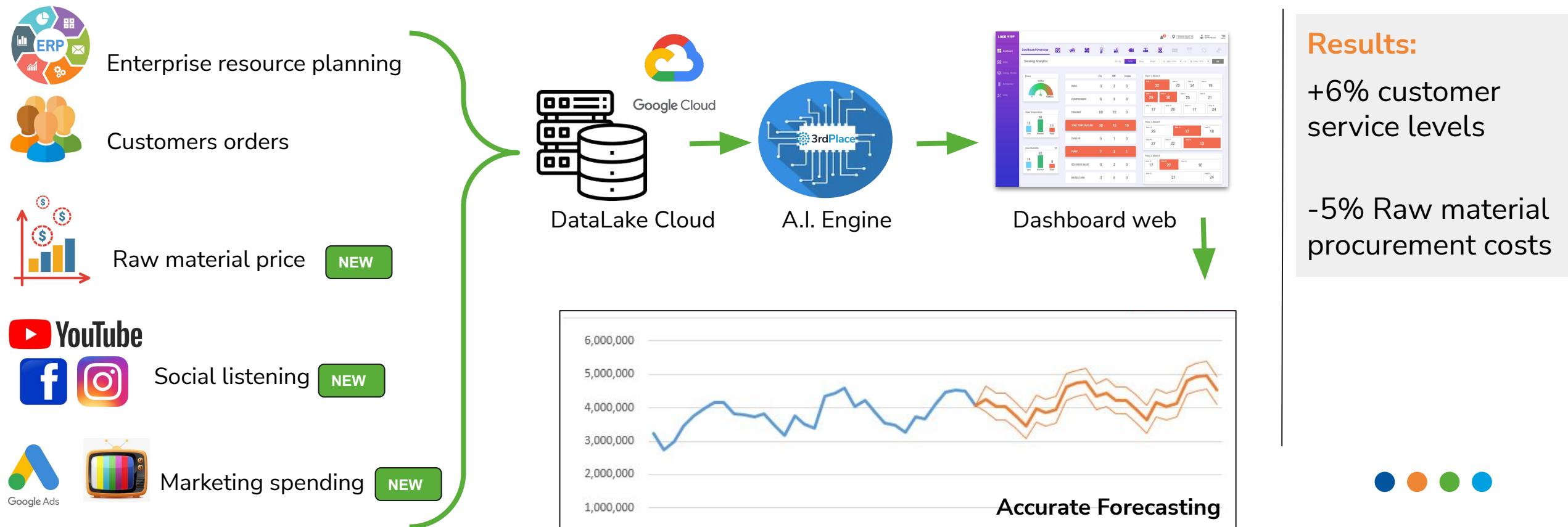
1) Advanced Demand Forecast

Manufacturing sector

Advanced Demand Forecast - Manufacturing sector

Needs: (1) Maximise customer service level (2) Agile planning and (3) Reduce procurement costs

Solution: Tailored data collection pipeline in order to achieve accurate forecasts using advance A.I. including deep-learning algorithms. Delivery in 6 months





2) Quality Assessment via Computer Vision

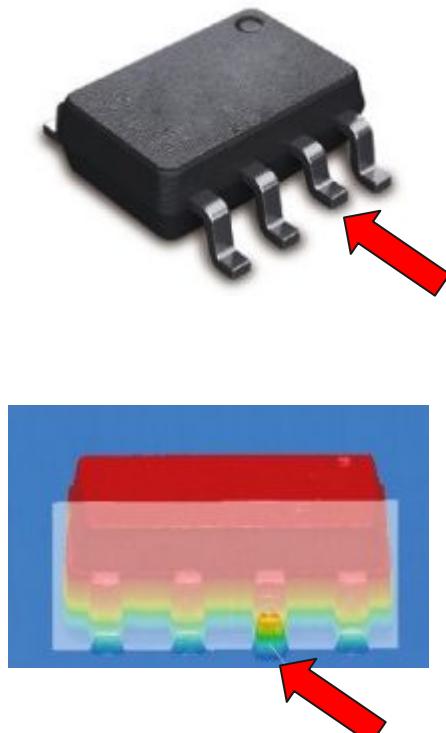
Manufacturing sector

Quality Assessment via Computer Vision - Manufacturing sector

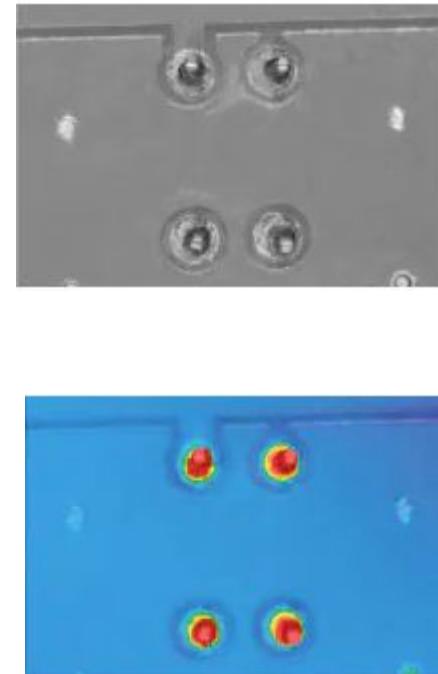
Needs: Measure and minimise two KPI: Supplier Defect Rate and Customer Complaints and Returns

Solution: Tailored image processing application capable of leveraging 3D IP Camera, Cloud and Edge computing. Delivery in 6 months

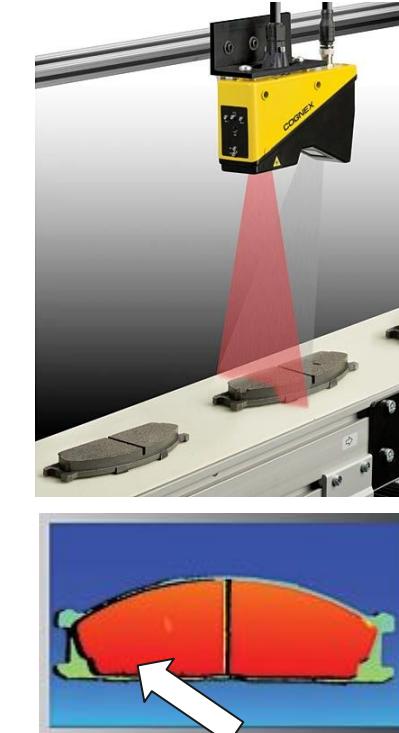
(a) electronic components



(b) soldering & welding



(c) product defects



Results:

- 70% of dedicated staff to manual quality check
- Supplier Defect Rate daily monitoring
- 5% Customer Complaints and Returns





3) Automated Document Validation

Banking & Insurance sector

Automated Document Validation for Banking & Insurance sector

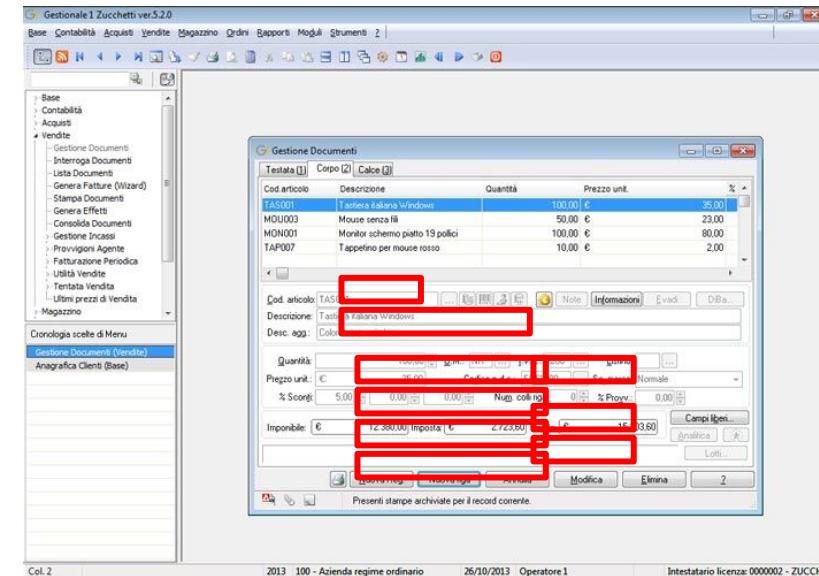
Needs: Automatise back-office activity in order to speed up document check and handle work picks

Solution: Fully automated solution based on advanced A.I. models capable of:

1. Validate multiple documents including: ID cards, passports, payslip, tax declaration, contracts, etc.
2. Verify the authenticity of all documents
3. Extract and cross-check fields among documents



A.I. engine



Results:

- 90% back-office staff dedicated to document chek

- 24% processing time

+ 8% data input accuracy

Thanks !



datrixgroup.com



finscience.com



paperlit.com



3rdplace.com



bytekmarketing.it



adapex.io

Milano
Foro Buonaparte 71
20121 Milano
Tel +39 02 76281064

Cagliari
Largo Carlo Felice 18
09124 Cagliari
Tel +39 02 76281064

Roma
Viale Luca Gaurico 91/93,
00143 Roma
Tel +39 02 76281064

Viterbo
Via dell'Agricoltura 8
00110 Viterbo
Tel +39 02 76281064

New York
27 East 28th Street
New York, NY 10016
Tel +1.718.618.9982