Advanced Data Analytics @InfoCamere

From administrative data to actionable insights: climbing the data value pyramid

15th June 2022
The Italian Business Registry: a few numbers in perspective

Company Registration Reports supplied
Reference period: 1st Jan - 31st May 2022

- Information Brokers: 4,314,449
- Public Administration: 4,737,781
- registroimprese.it: 1,804,570
- AVG month: 2,171,360
How to navigate information? Find Waldo!!!
How to navigate information? Find Waldo!!!

Advanced Data Analytics
@ InfoCamere
How to navigate information? Find Waldo!!!

Yeap, he’s here!

Advanced Data Analytics @ InfoCamere
From data to insights: the data value pyramid

**Wisdom**
Actionable intelligence to aid decision making process

**Knowledge**
Thought out, tested notions and learnings tying inputs to consequences

**Information**
Filtered useful data in a structured format with well-defined connections

**Observation**
Discrete, objective facts and measurements
Data-driven business: the analytical journey
How to get there: Data Lake

Company records
XBRL
SUAP

DATA LAKE

Balance Sheet analysis
Law enforcement
Data Mining
Ad-hoc analysis
InfoCenter
Other requests
Foreign communities within the Italian Business Registry
Key Stakeholder: Ministry of Labor and social policy

Foreign communities in the IBR: 31° March 2022

- Total individuals: 758,273, 10% over all individuals
- EU individuals: 187,645, 25% Over all foreign individuals
- Extra EU individuals: 570,628, 75% Over all foreign individuals

Top 10 countries by birthplace:

- China
- Romania
- Morocco
- Albania
- Bangladesh
- Germany
- Egypt
- Pakistan
- France

Chinese-born individuals:

- 207,292
- 27.3%

Gender distribution:

- 550,981
- 72.7%
Chambers of commerce: investment scheme participation

Key stakeholder: Chamber of Rome

Predictive analysis:

Participants distribution

Forecasted:
- 28.4 mln
- 29.8 mln
- 31.3 mln

Observed:
- 30.1 mln
  31/12/2019
Public subsidies evaluation

Key stakeholder: Lombardy Region

Subsidy “Tourism Attractions” - Lombardy Region

Business Registry → Subsidy data → Algorithm → Results

1.1 extra employees
Ecosystem of contracts: modelling the EU Economy

Key stakeholder: European Commission

Shareholding network among innovative companies.

Highly connected companies have more chances to participate to European projects.

Perimeter: Italian innovation ecosystem (startups, innovative SMEs. collab. contracts)
Key Takeaways
Key Takeaways

1. Administrative data is more than just admin

2. Technology (and vision) is key in harnessing value

3. This vision is already operational (and evolving) in Italy
• Q&A
Thank you