



TECHNOLOGICAL INNOVATION PATTERNS

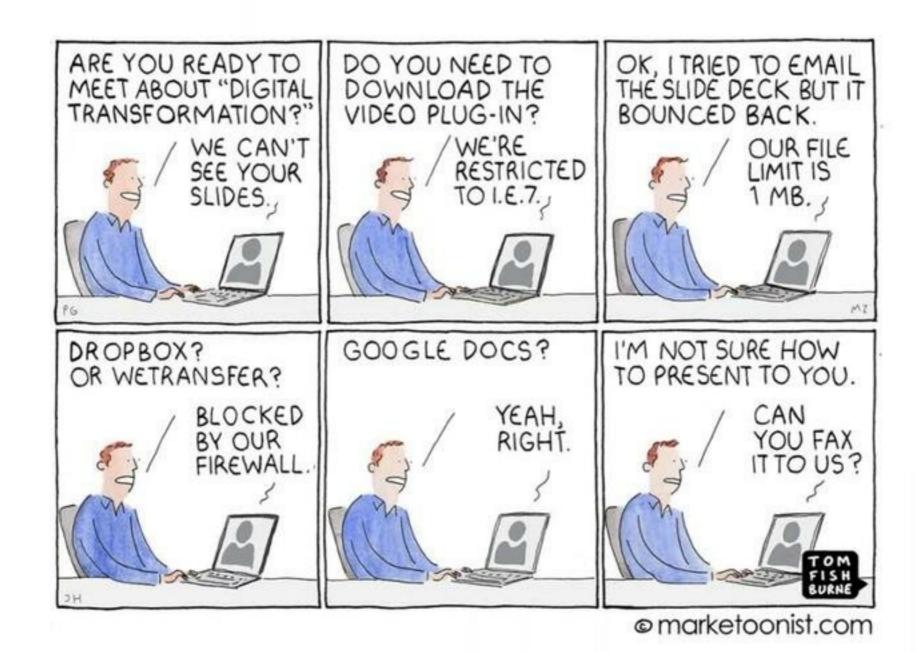
GRASPING THE OPPORTUNITY & HANDLING THE THREATS

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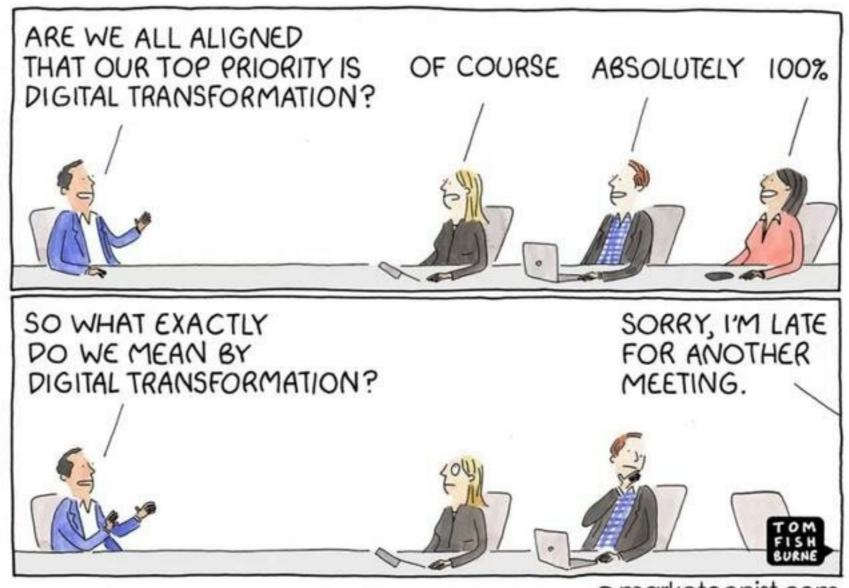
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PAST: LARGE COMPANIES





PAST: SMEs









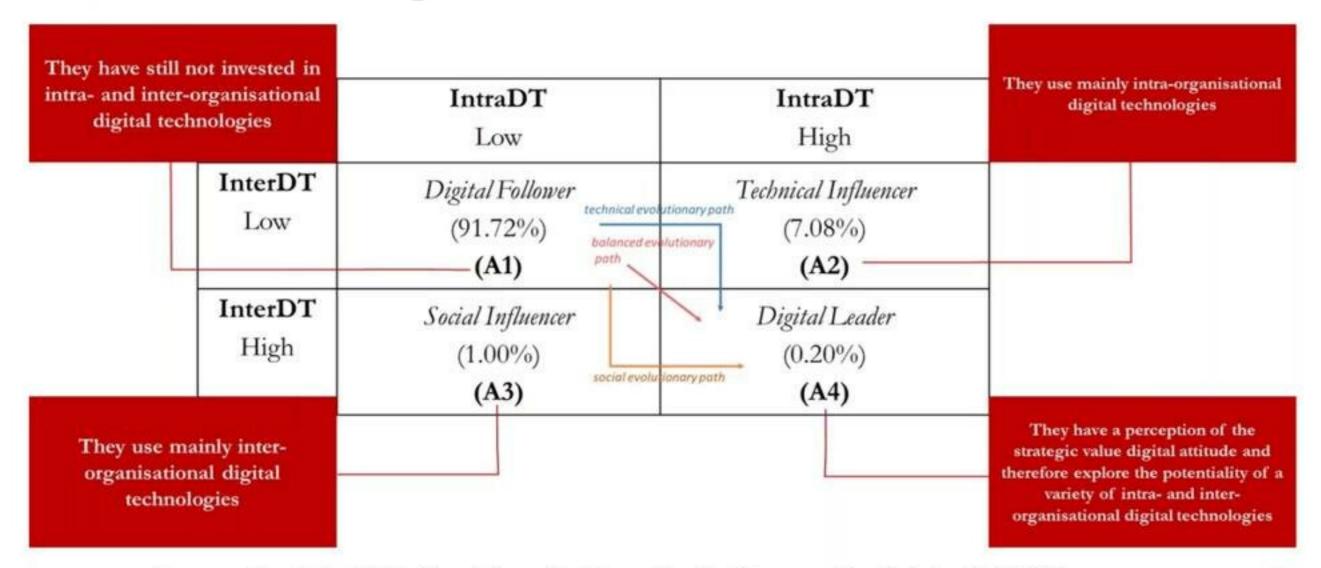


 A recent study by Centobelli et al. (2020) investigated the digital attitude of 6,178 Italian startups listed in the Register of Innovative Startups

| | IntraDT | IntraDT |
|-----------------|--------------------------------|-----------------------------------|
| | Low | High |
| InterDT Low | Digital Follower (91.72%) (A1) | Technical Influencer (7.08%) (A2) |
| InterDT High | Social Influencer (1.00%) (A3) | Digital Leader (0.20%) (A4) |



 A recent study by Centobelli et al. (2018) investigated the digital attitude of 6,178 Italian startups listed in the Register of Innovative Startups



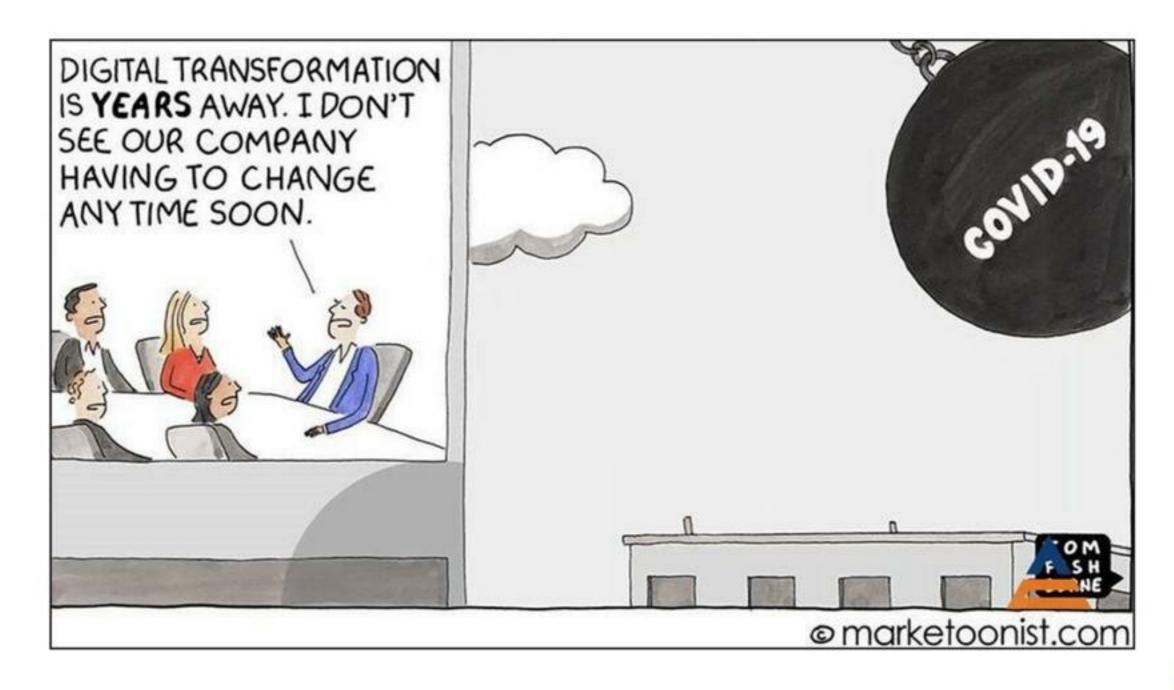




- The results of the analysis highlight a situation of a generally weakness of the digital attitude of startups for both inter- and intra-organisational digital technologies
- Startups may take advantage of the impact of digital technologies by better exploiting the opportunity offered by the digitalization
- From the digital providers' perspective, this paper stresses that startups typically do not have dedicated resources to monitor the process of innovation in the field of digital technology management.
- Nevertheless, they may well represent a significant market. To seize this opportunity, it is necessary create not only a new market segment dedicated to startups but also direct channels of communication between startups and digital providers.
- Policy-maker may create specific policy measures aimed to develop a balanced adoption of Intra- and Inter-DT in order to evolve through a balanced evolutionary path

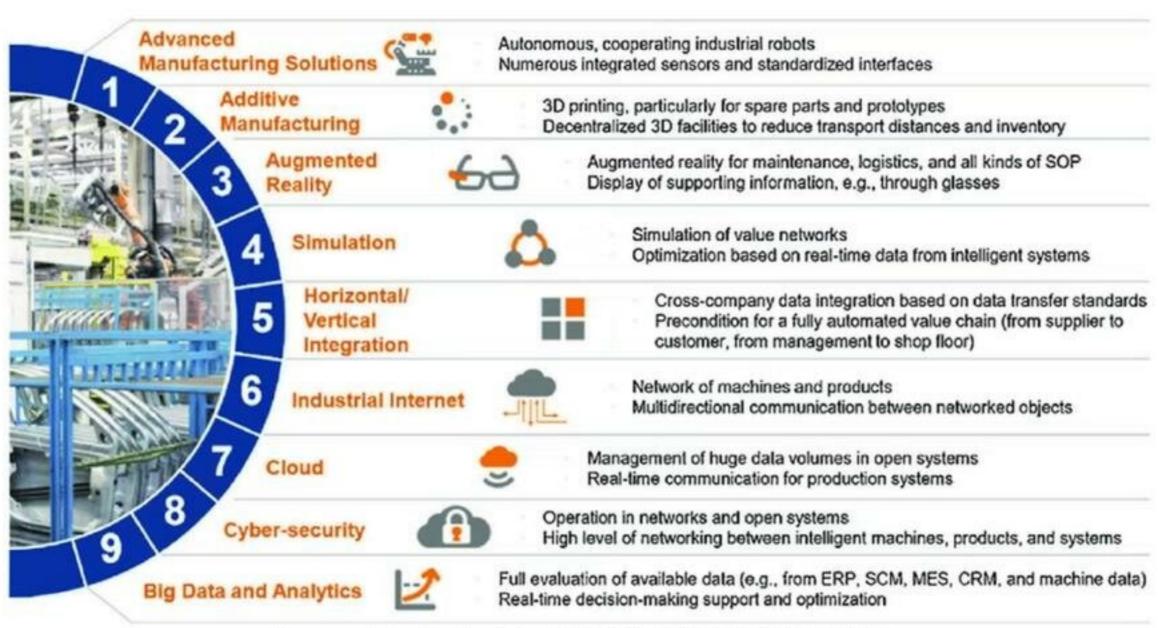


PRESENT





PRESENT



Source: Confindustria, MATTM, MEF, MIPAAF, MISE



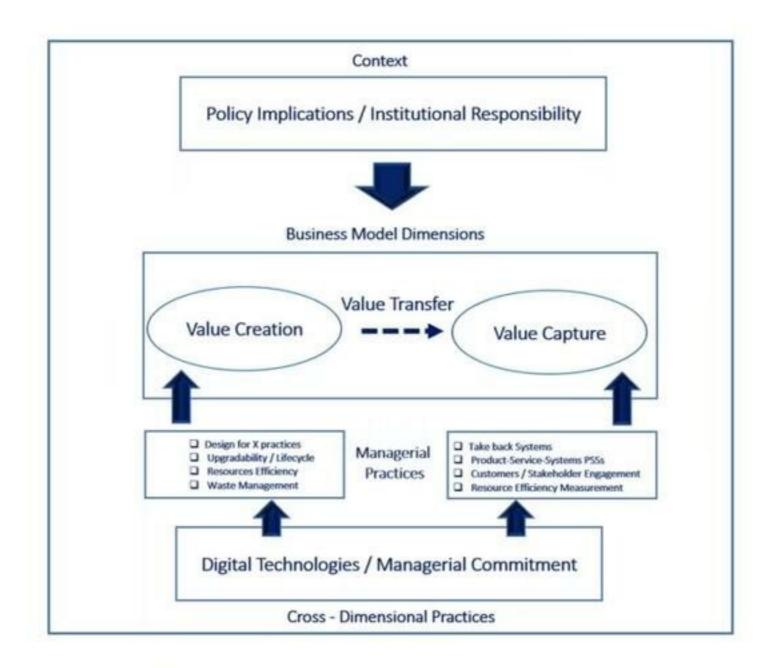
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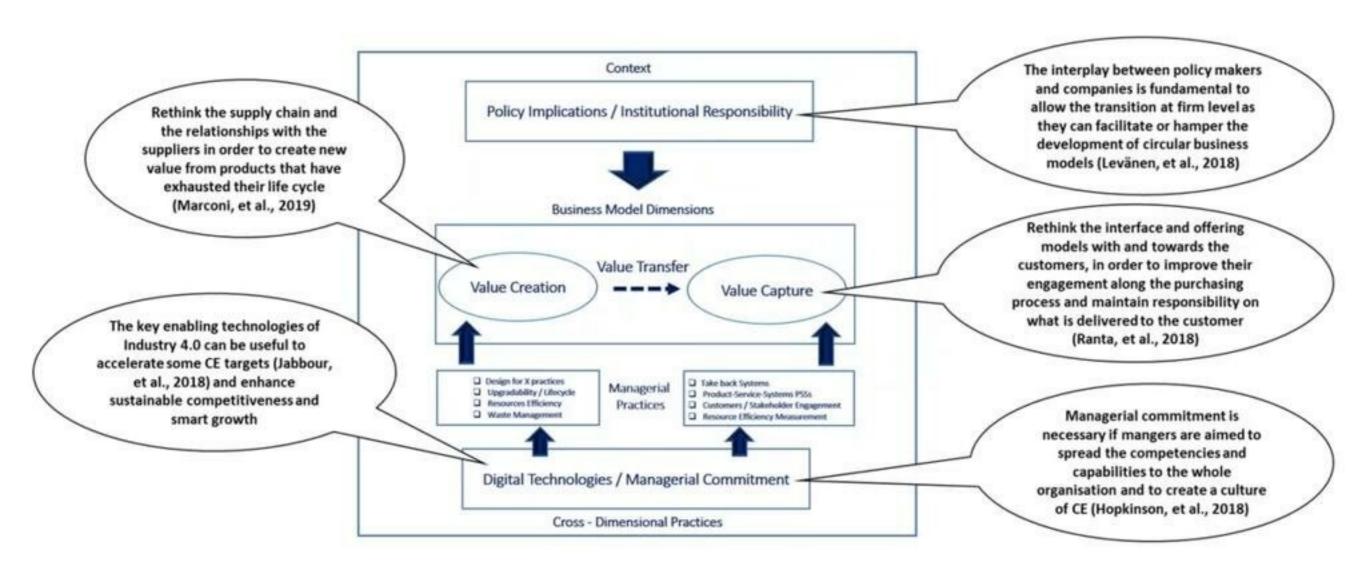


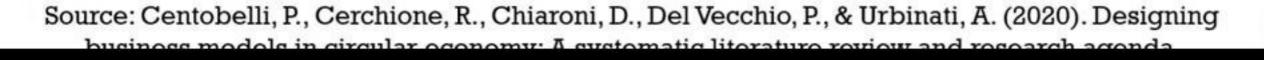
PRESENT: CE BUSINESS MODELS





PRESENT: CE BUSINESS MODELS





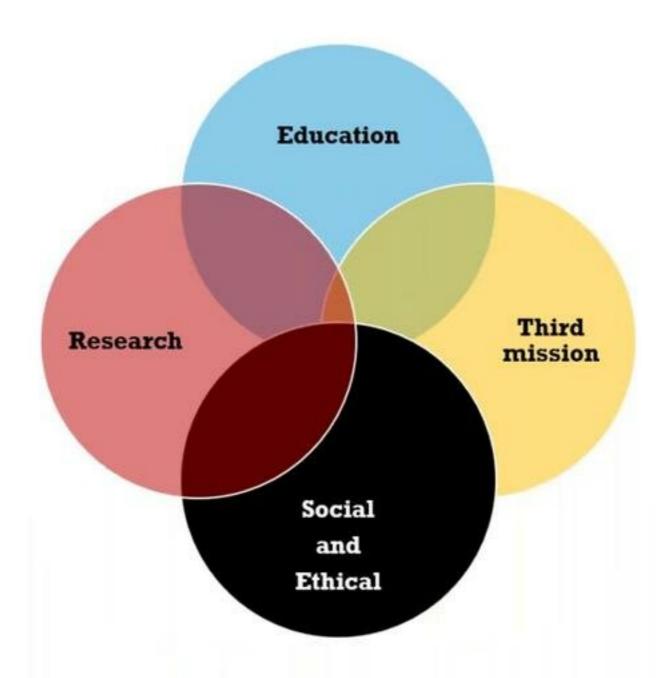


PRESENT: CE BUSINESS MODELS

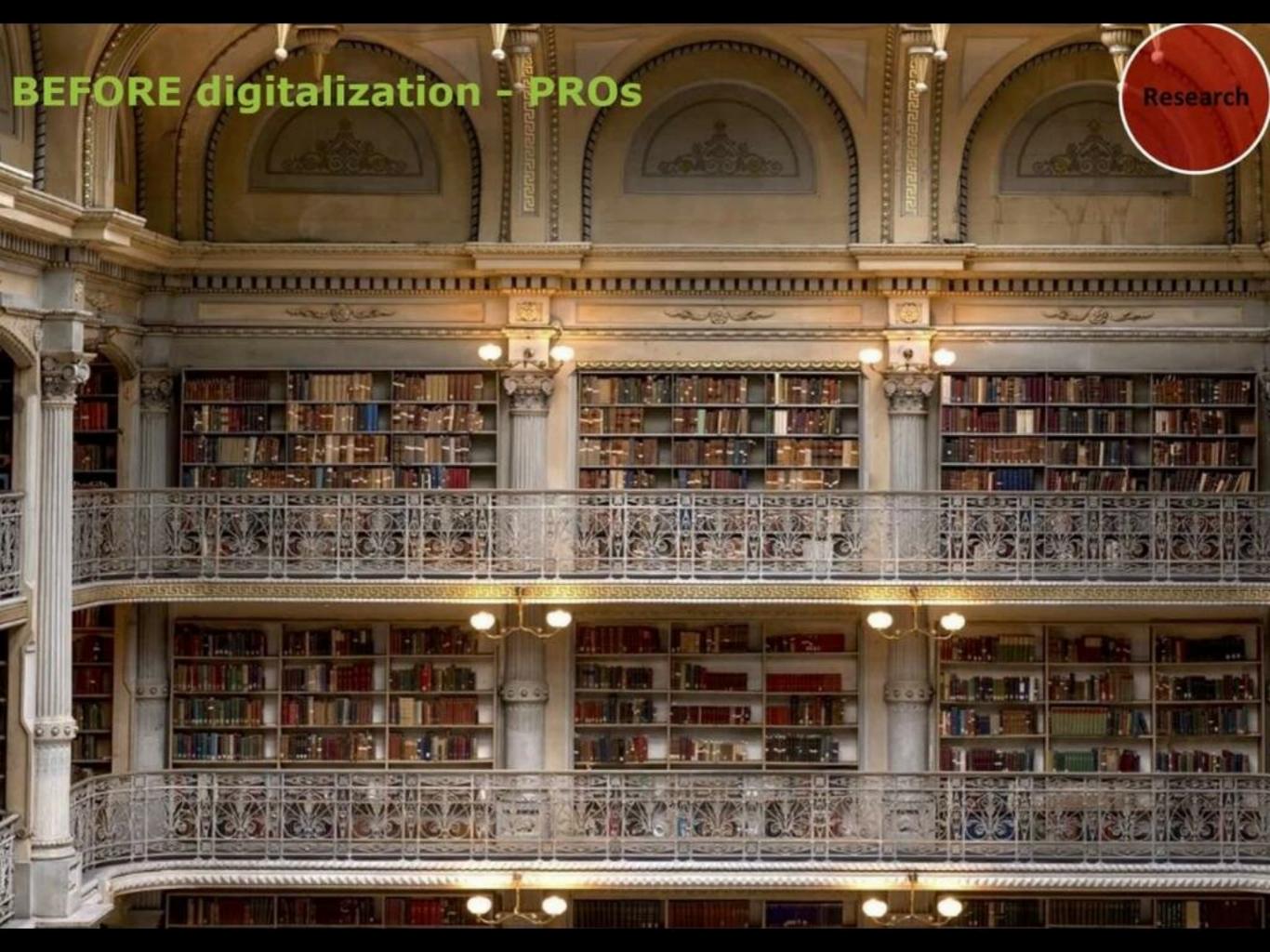
| Thematic Area | Emerging Research Questions | |
|--|---|--|
| Contextual Factors | Which is the role of policy makers and third sector associations in promoting the CE? Are there distinctive and common patterns into the different experiences related to the implementation of CE strategies at national and regional level? Which are the main drivers of success of a national/regional innovation system (education, institutional stability, expense in R&D, etc) supporting CE? | |
| Circular Business Model Dimensions | Which are the drivers of value creation in a CE business model? Which is the meaning of value creation, capture and transfer in a CE business model? | |
| Managerial Practice for Value Creation, transfer and capture | How is it possible to innovate a business model for CE? Which is the role of customers in the value creation in the context of CE? How does company's network impact on the value creation, transfer and capture within a CE business model? | |
| Cross - Dimensional Practices | Which is the impact of digital technologies on an organizational supporting CE? How does the implementation of a CE business model impact on human capital? Which are the meaning of intangible assets in a CE business model? Which are new metrics for measuring the value in a CE business model? Which is the meaning of Industry 4.0 and Digital Humanity in a CE perspective? | |

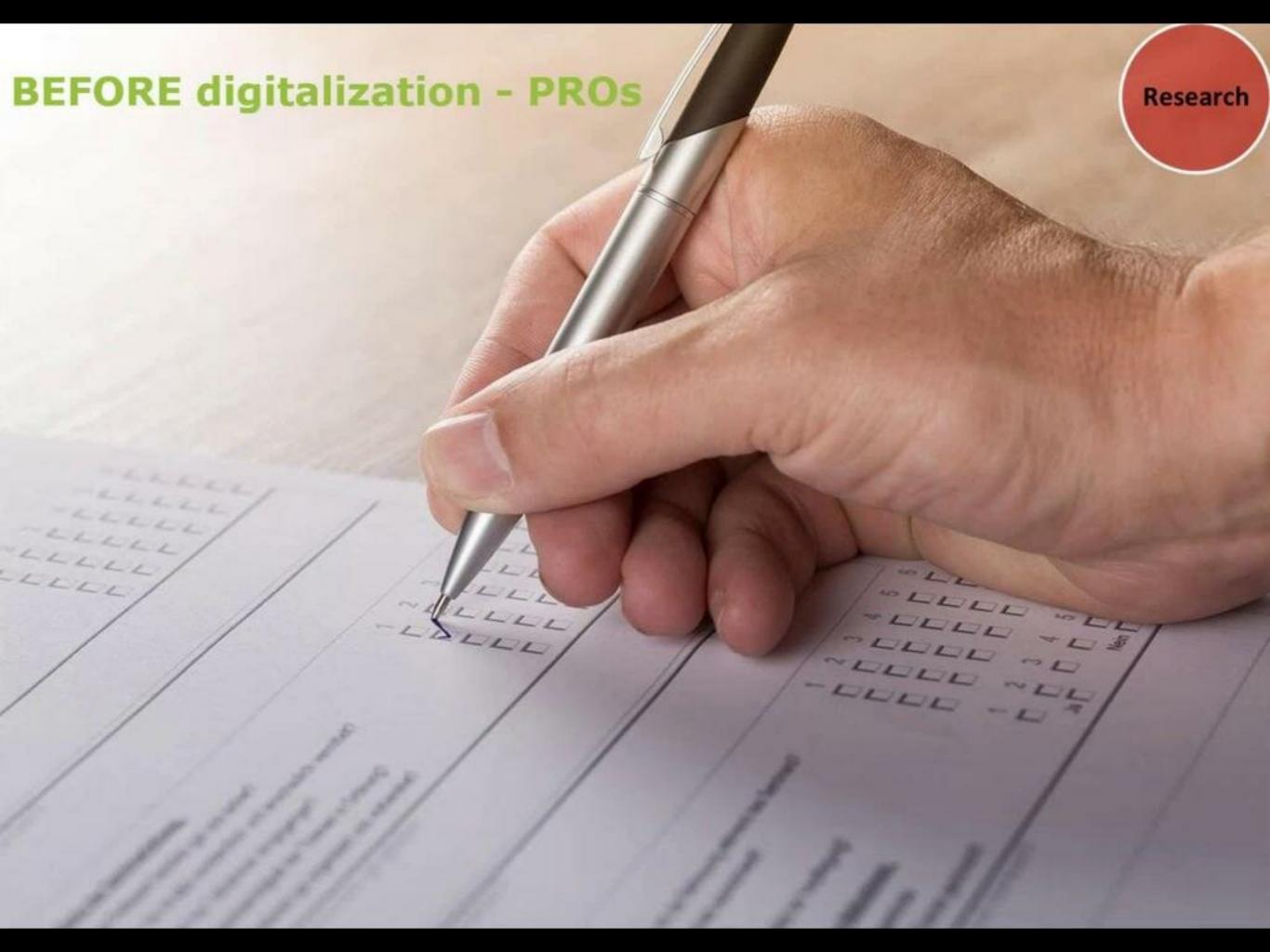


PRESENT: OPPORTUNITY AND THREATS











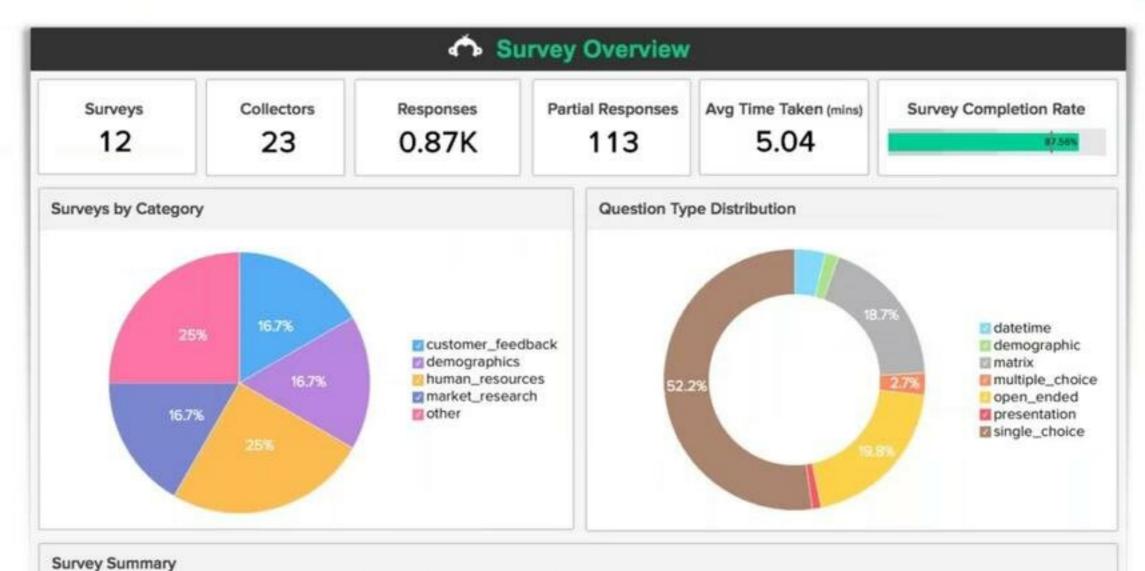
BEFORE digitalization - PROs





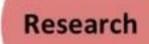


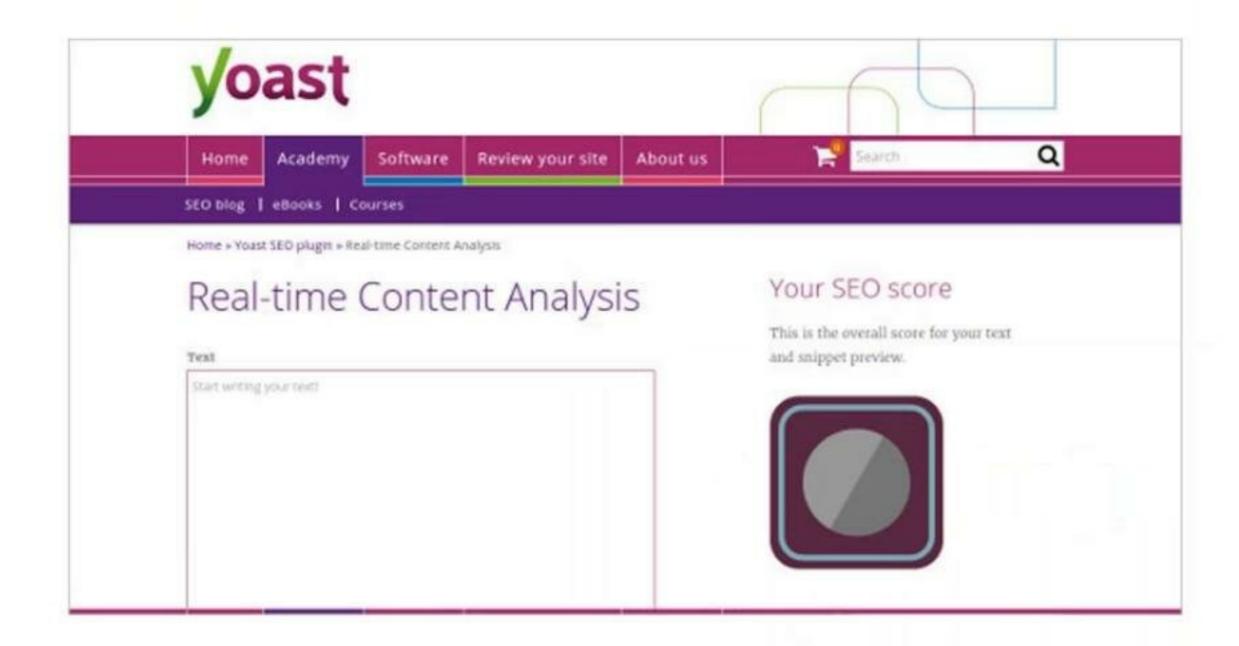




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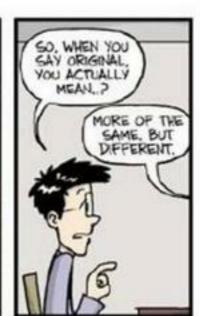
Don't do "more of the same" ...

Implication of incomplete literature review!











Don't reinvent the wheel...

Implication of incomplete literature review!

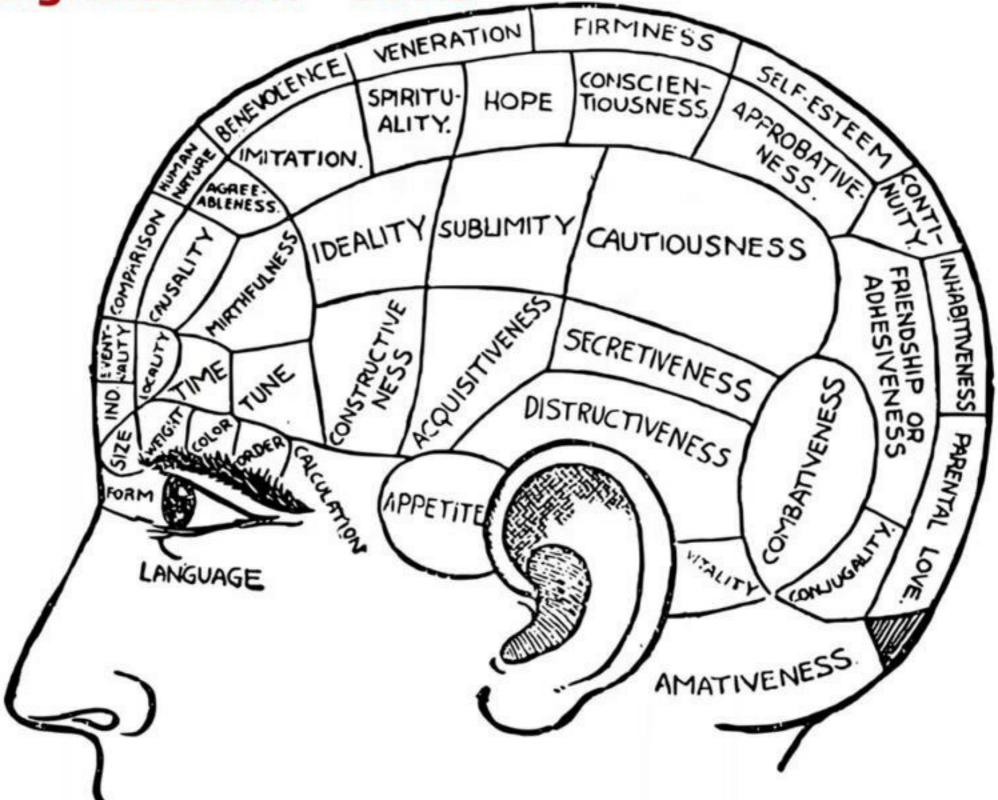




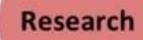


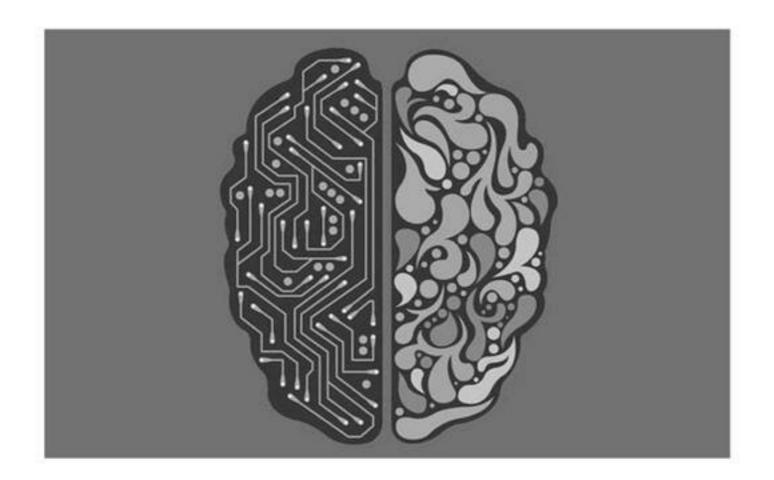






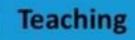








BEFORE digitalization - PROs





















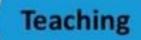














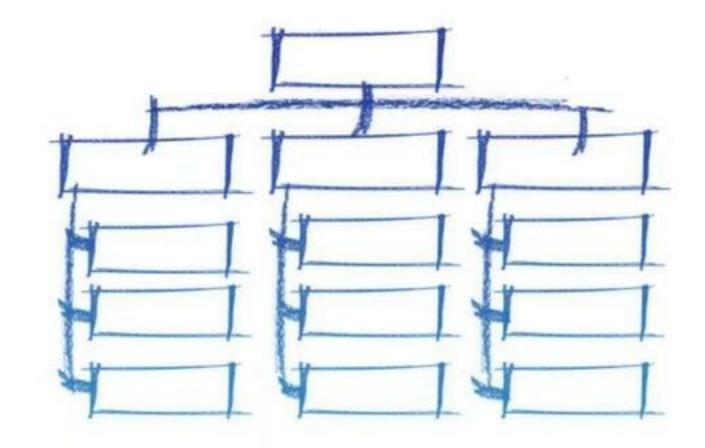






































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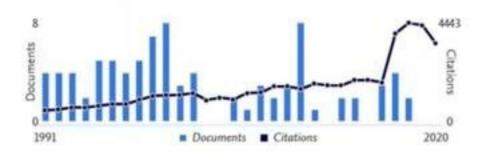
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BEFORE digitalization - PROs







BEFORE digitalization - CONs















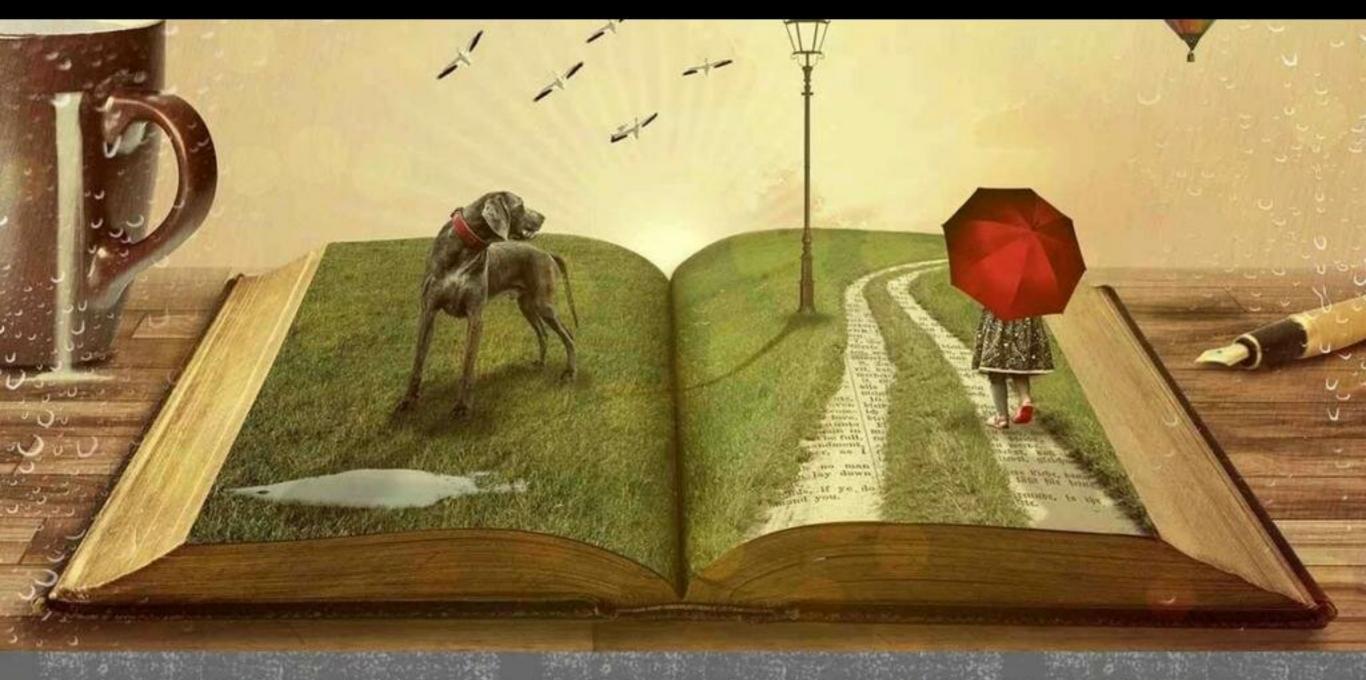


A Broken Social Elevator? How to Promote Social Mobility









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