#### THE REGULATORY **COMPLIANCE OF PRODUCTS WITH EMBEDDED AI OR ANOTHER DIGITAL TECHNOLOGIES**

Youth Perspective - Jessica **McCarthy** 





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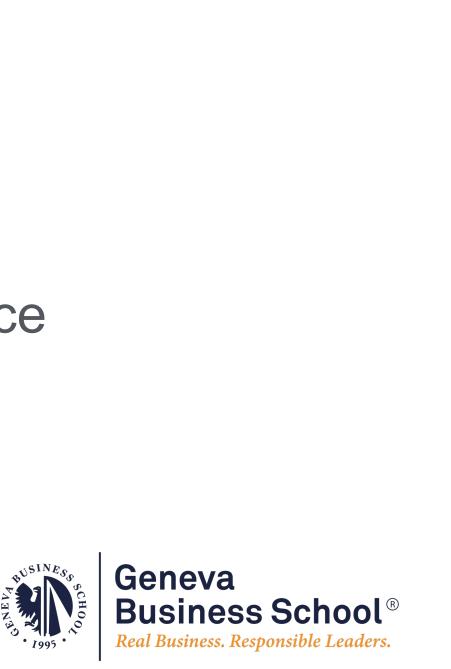
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# TABLE OF CONTENTS

- Introduction
- Importance of AI from a youth perspective
- Young people's main concerns surrounding Al
- Challenges faced with regards to regulatory compliance
- Recommendations and potential solutions
- Conclusion



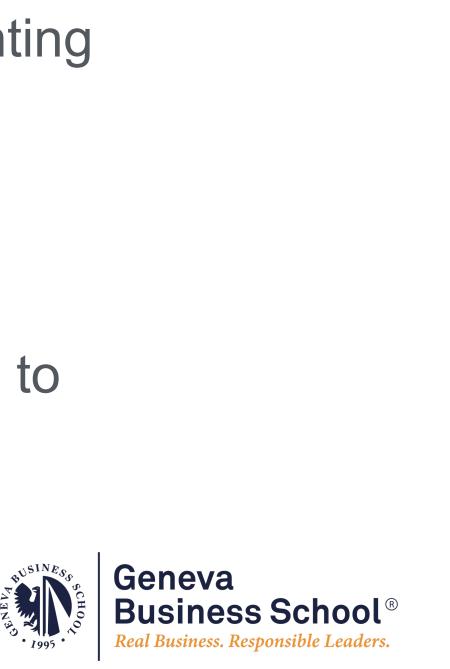
## INTRODUCTION

- - innovation?
- - the evolution of AI?

• How can we regulate artificial intelligence without stunting

• Al is now an irreversible trend, for better or for worse.

• What are young people concerned about with regards to



## IMPORTANCE OF AI TO YOUNG PEOPLE

- Automation facilitates real-time insights, and enables well-informed decisions making → enhances human efficiency.
- Al offers personalization, specifically when embedded into products and applications.
- Accessibility is an important aspect of AI, ensuring digital technologies cater to a wide audience.



### MAIN CONCERNS OF TODAY'S YOUTH

- Do the 3 Laws of Robotics apply to AI?
- 1st Law of Robotics 'A robot may not injure' a human being or, through inaction, allow a human being to come to harm' (Isaac Asimov).
- Impact of AI on education  $\rightarrow$  many students are heavily reliant on AI tools to complete tasks and assignments. This may have subsequent effects on tomorrow's workforce.
- Key values to improve: transparency, privacy and fairness.





#### **CHALLENGES SURROUNDING REGULATORY COMPLIANCE**

- The EU are bringing into place the AI Act, but many nations currently don't appear to have such measures or laws in existence.
- If regulations differ all over the world, how can we make sure laws and regulations are enforced?
- There can be a lack of transparency during automatic updates of certain digital technologies.







### **RECOMMENDATIONS AND POTENTIAL SOLUTIONS**

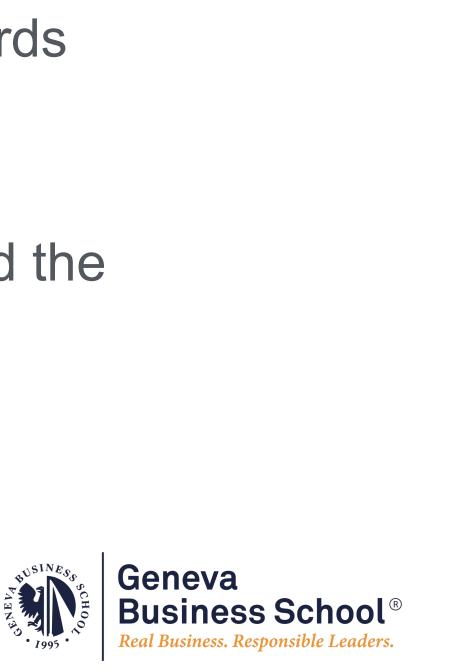
- Ideal solution would be a global regulatory body with universally agreed-upon compliance standards, governed by international laws  $\rightarrow$ this would be challenging as it would require full global cooperation.
- Introduction of compliance certificates, tailored to specific embedded technologies, with varying requirements for different countries.
- The education of end-users is essential in a time where AI is becoming more widely accessible  $\rightarrow$  fosters safe and responsible usage.





## CONCLUSION

- The youth of today express a cautious optimism towards
  - the evolution of artificial intelligence.
- Additional regulations are required, but we understand the
  - logistical challenges of this.
- Education of end-users should be a top priority.





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# THANK YOU! Jessica McCarthy

