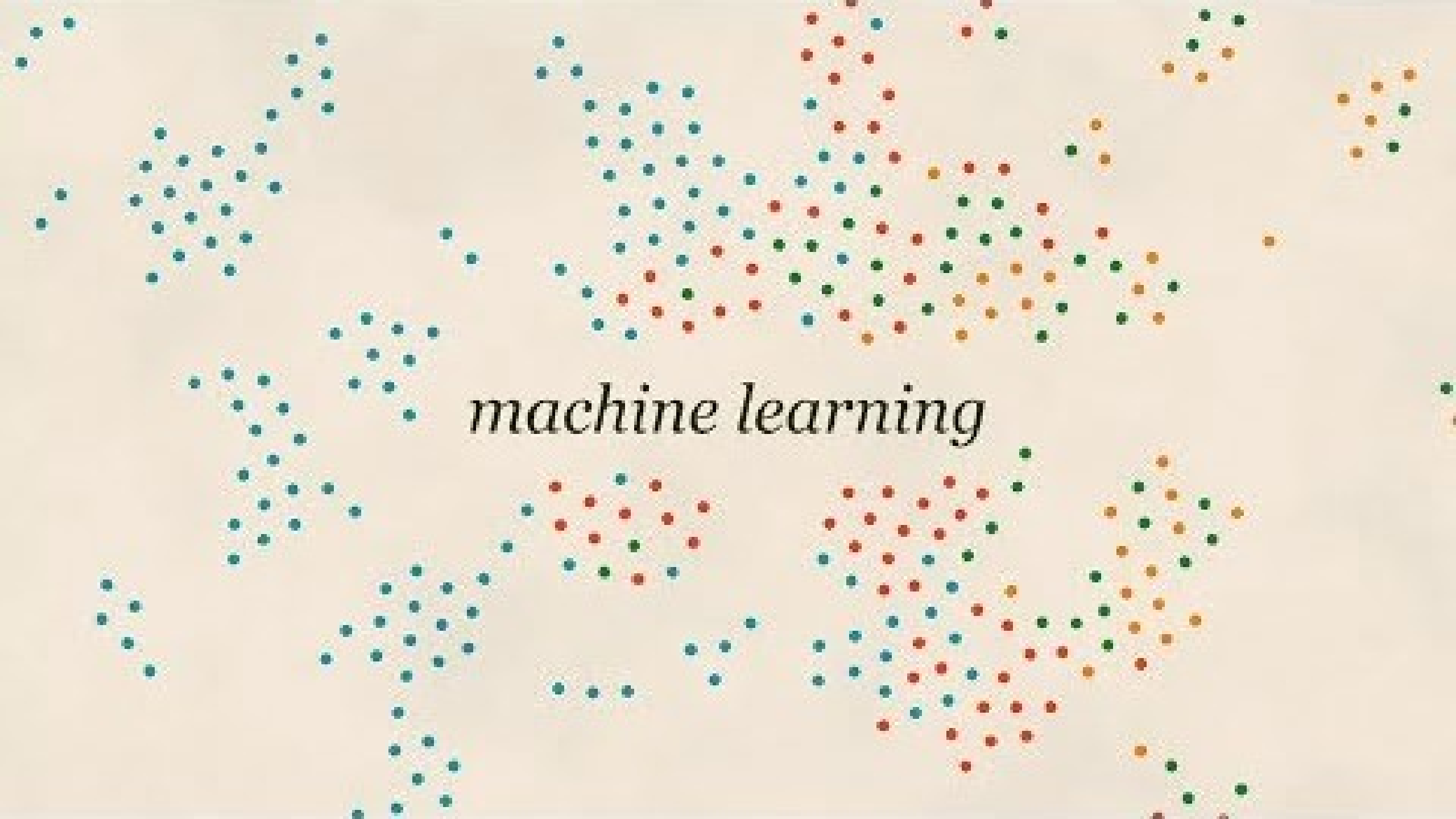
IDC HERZLIYA 25 | Harry Radzyner Law School

Bias
(or the Hidden “Gems” of Data Regulation)

Its All About the Data


machine learning

- Sources of Data
  - Google Images
  - Wikipedia
  - Government
  - Personal Data (Gmail, Facebook, eBay etc)

Structural Bias in Programs

TRANDITIONAL MACHINE LEARNING

Input Feature Extraction Classification Output

DEEP LEARNING

Input Feature Extraction + Classification Output

- The Problem
  - High Quality Data

    v.
  - Low Quality Data

Structural Bias in Programs

Regulatory Barriers to AI (and its Implications)

- Restricts data for AI purposes
  - Using protected data could infringe the AI output
  - Derivative works rights
- Fair use/Fair dealing defense
- AI Exceptions

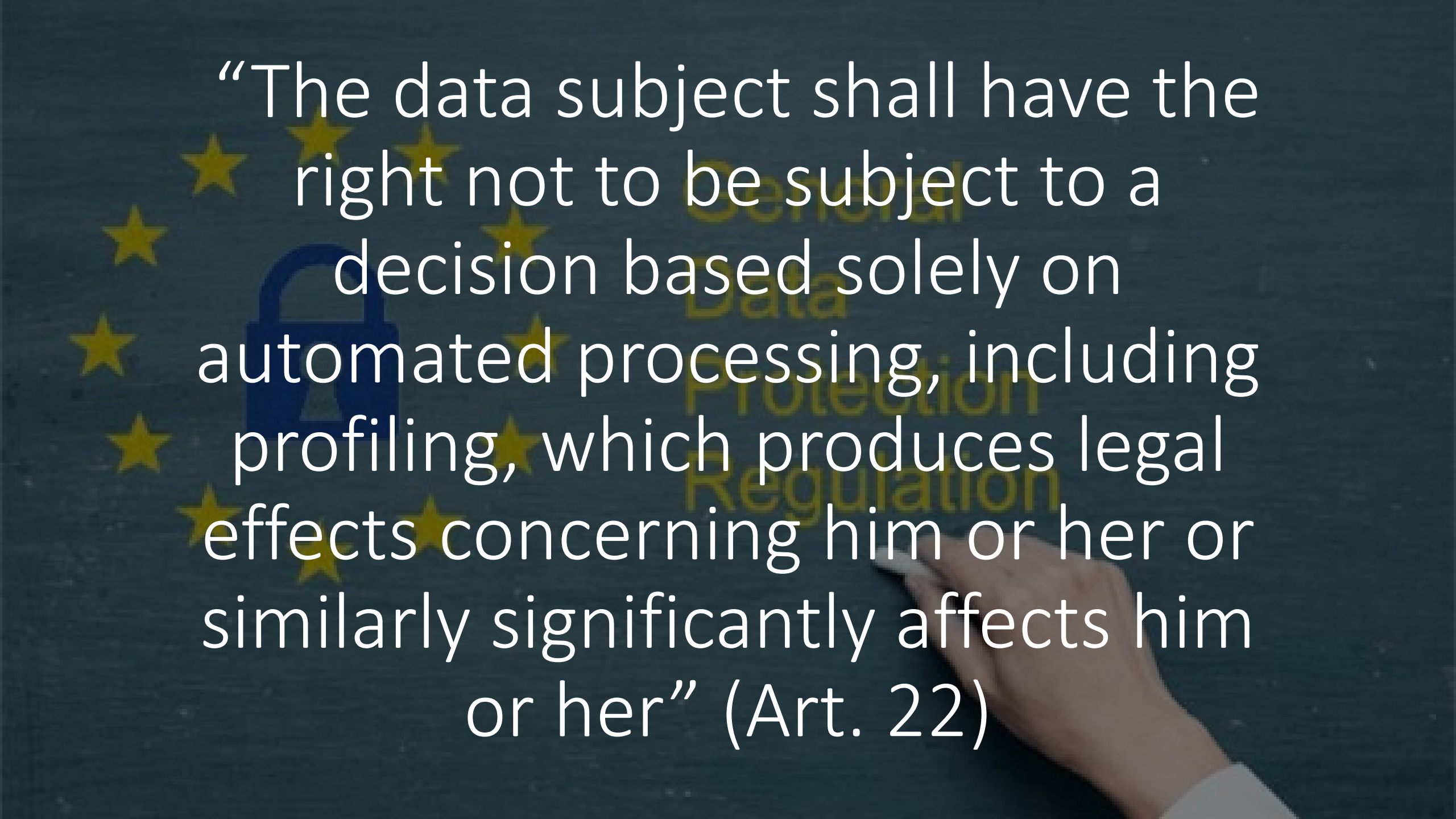
Second: Copyright

- Term of Use
- Data mining
- Crawlers
  - Century 21 Canada Limited

Third: Contracts

- Restricts uses of Data
- Privacy is good, right?
  - Not always
  - Chilling effect

First: Privacy



"The data subject shall have the right not to be subject to a decision based solely on automated processing, including profiling, which produces legal effects concerning him or her or similarly significantly affects him or her" (Art. 22)

So Who Owns the Data?

Knowledge is Power

Shifting Power

Advocating for Data Mining Exception for AI Systems