

SPICED

Data Ethics



Data Ethics

Data ethics is a branch of ethics that evaluates data practices—**collecting, generating, analysing** and **disseminating** data, both structured and unstructured — that have the potential to adversely impact people and society. It includes addressing and recommending concepts of right and wrong conduct, with transparency in and defensibility of actions and decisions driven by automated/artificial intelligence (AI) in relation to data in general and personal data in particular.

<https://www.cognizant.com/us/en/glossary/data-ethics>

Reading exercise

Data Feminism by Catherine D'Ignazio and Lauren F. Klein

A new way of thinking about data science and data ethics that is informed by the ideas of **intersectional** feminism.

what is intersectionality?

American civil rights advocate and leading scholar of critical race theory,
Kimberlé Williams Crenshaw

"The concept of intersectionality describes the ways in which systems of inequality based on gender, race, ethnicity, sexual orientation, gender identity, disability, class and other forms of discrimination “intersect” to create unique dynamics and effects."



Axes of privilege

Oppression

- Identity that has historically experienced more barriers/stigma
- Identity is source of barriers
- Identity is very present

VS



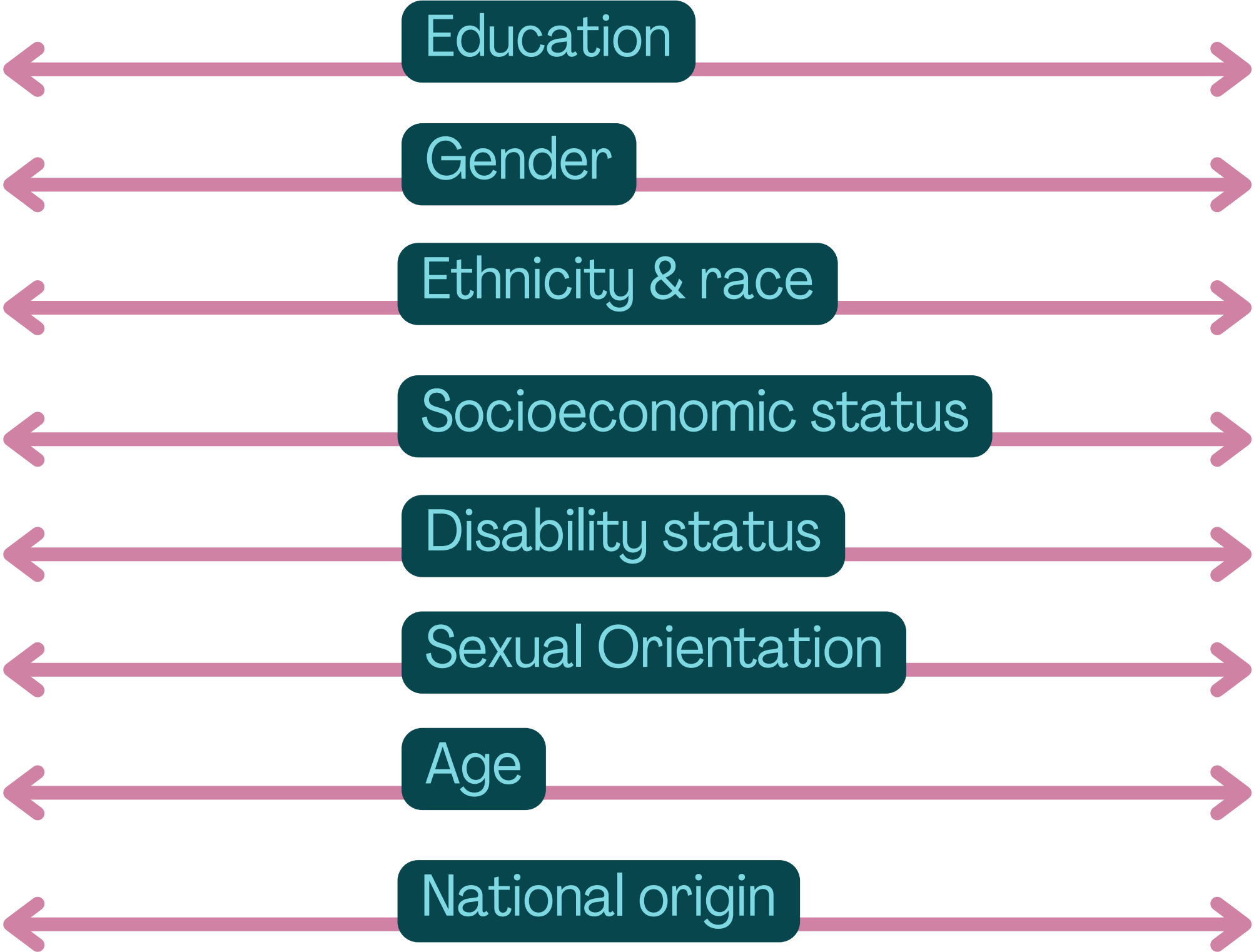
Privilege

- Identity that has historically experienced more power
- Identity is source of strength
- Identity seems unimportant

Axes of privilege

Oppression

- Identity that has historically experienced more barriers/stigma
- Identity is source of barriers
- Identity is very present



Privilege

- Identity that has historically experienced more power
- Identity is source of strength
- Identity seems unimportant

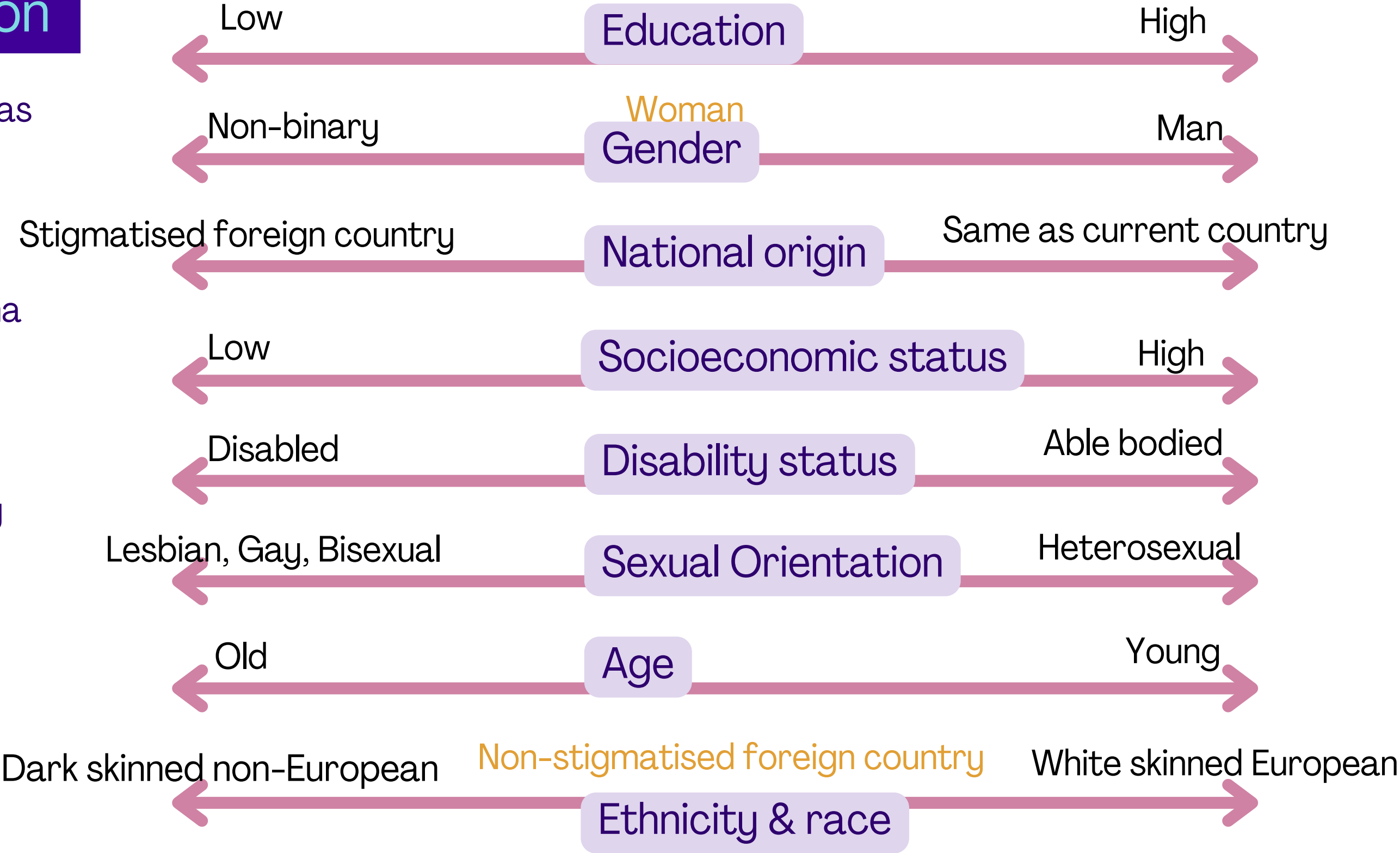
Axes of privilege

Oppression

- Identity that has historically experienced more barriers/stigma
- Identity is source of barriers
- Identity is very present

Privilege

- Identity that has historically experienced more power
- Identity is source of strength
- Identity seems unimportant



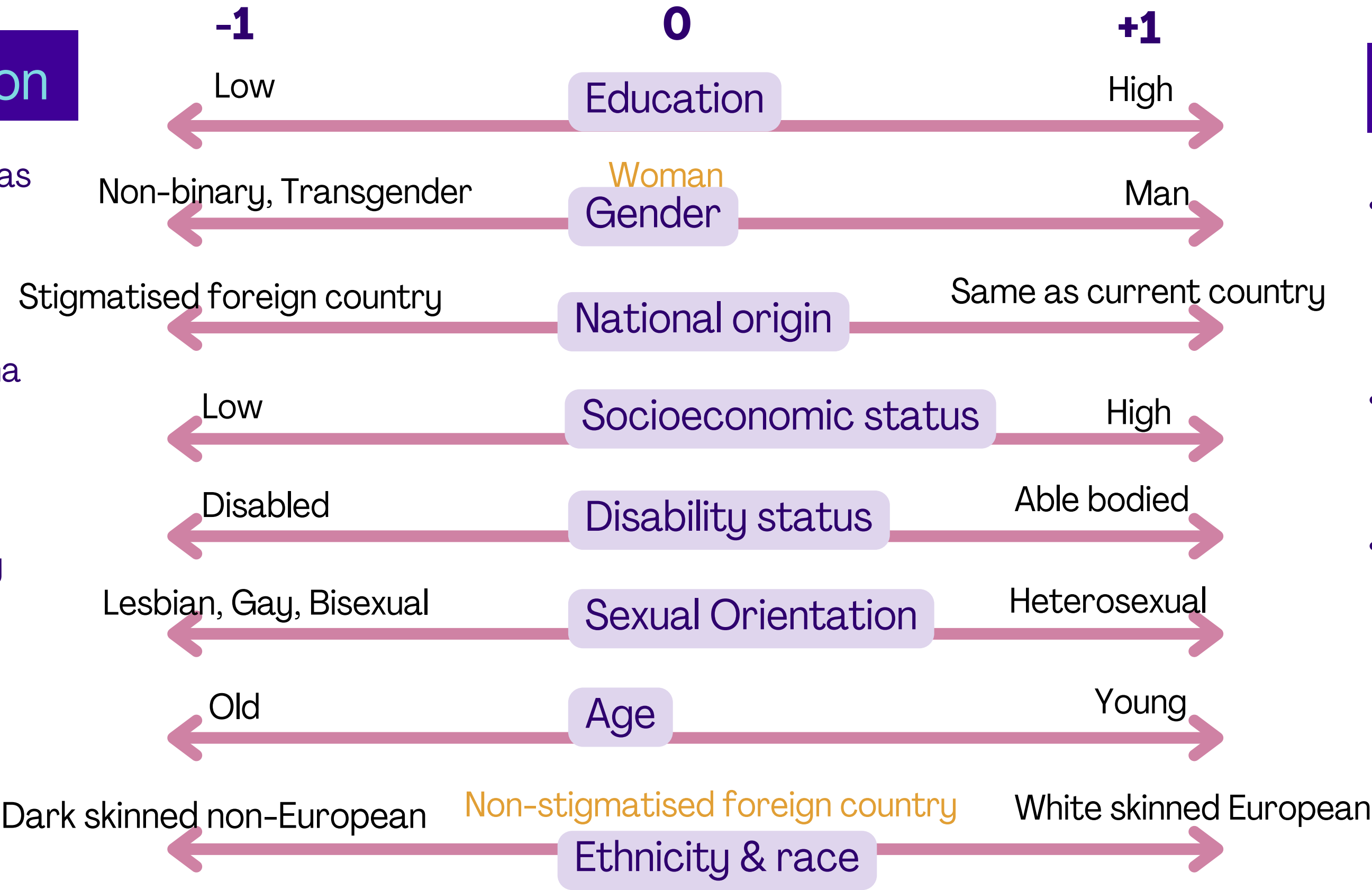
Axes of privilege

Oppression

- Identity that has historically experienced more barriers/stigma
- Identity is source of barriers
- Identity is very present

Privilege

- Identity that has historically experienced more power
- Identity is source of strength
- Identity seems unimportant



Oppression

- Identity that has historically experienced more barriers/stigma
- Identity is source of barriers
- Identity is very present

-1

Low

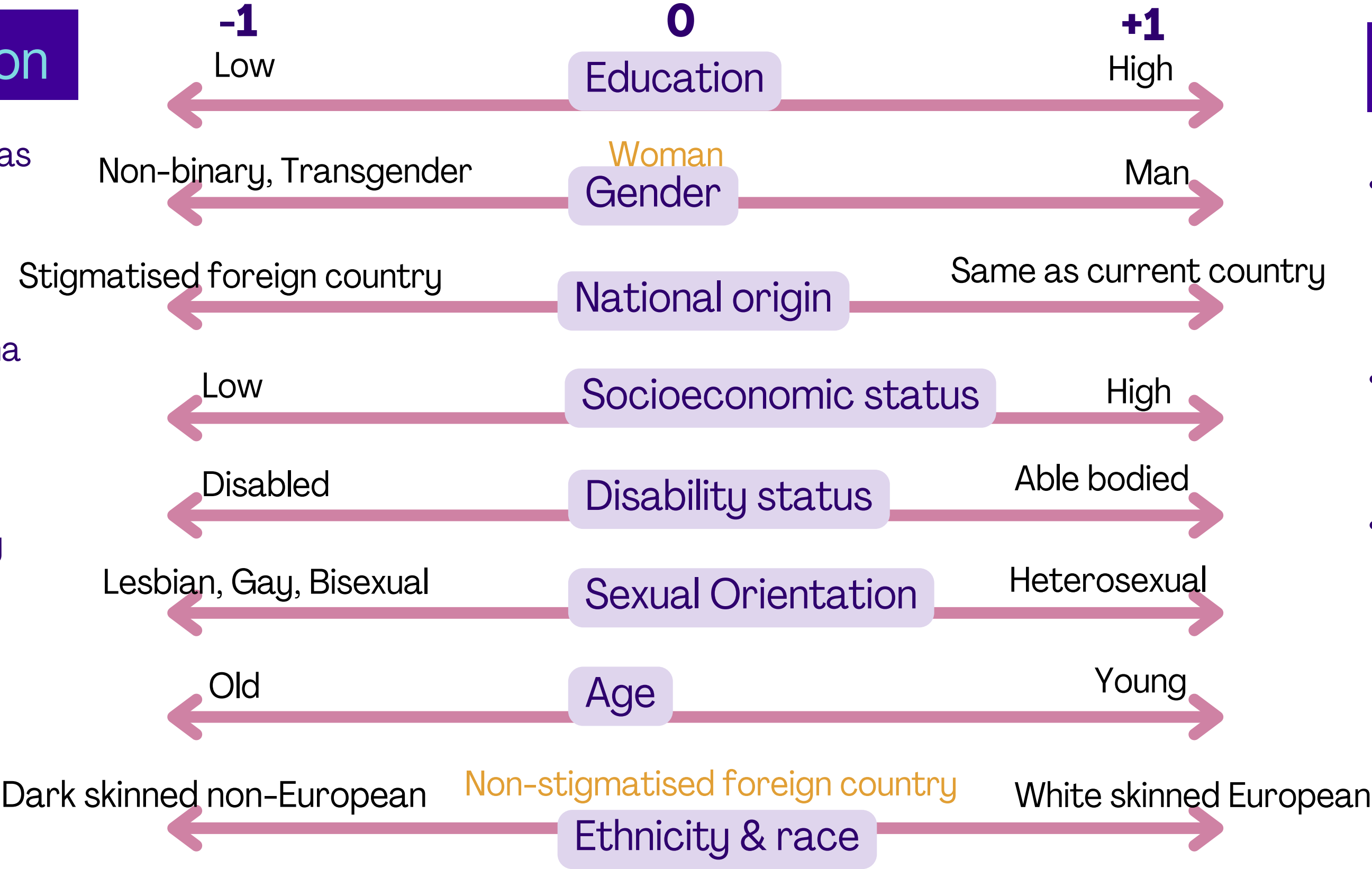
0

+1

High

Privilege

- Identity that has historically experienced more power
- Identity is source of strength
- Identity seems unimportant



Reading exercise

Data Feminism by Catherine D'Ignazio and Lauren F. Klein

<https://data-feminism.mitpress.mit.edu/>

A new way of thinking about data science and data ethics that is informed by the ideas of intersectional feminism.

1. The Power Chapter

Principle: Examine Power

Data feminism begins by analyzing how power operates in the world

Reading exercise

Data Feminism by Catherine D'Ignazio and Lauren F. Klein

<https://data-feminism.mitpress.mit.edu/>

1. By whom

2. For whom

3. With whose interests and goals

- The Problem
- One example
- Possible solutions

Ethics in Data

To avoid oppression from using the power of Data.

Necessary because Data Scientists & Analysts are humans.

And humans are biased.

And bias aids power.

Inspirations

- <https://data-feminism.mitpress.mit.edu>
- <https://www.codedbias.com/>
- <https://interaktiv.br.de/ki-bewerbung/en/>
- <https://deon.drivendata.org/examples/>



Thank you so much!
