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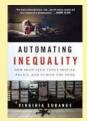
"Data is the new oil."

- The Economist, Intel CEO, Reliance Industries CEO, UAE Minister of Artificial Intelligence, Google execs, etc, mainly elite white men

"Data is the same old oppression."

- BIWOC, white women, Indigenous people, immigrant communities, LGBTQ+ individuals, + more...















Feminist: the person who believes in equal rights for men and women and non-binary people.

- Beyoncé (mostly)

Feminism: organized activity on behalf of women's and non-binary people's rights and interests.

- Merriam Webster (mostly)

Feminism: the theory of the political, economic, and social equality of the sexes.

- Merriam Webster

Intersectional feminism is not only about women and gender.

It is about <u>power</u> - who has it and who doesn't.

Intersectionality is a concept out of US Black feminism, including the Combahee River Collective (1974-1981) and Kimberlé Crenshaw (1989).





In today's world, data is power.

Intersectional feminism,
when applied to data science,
can help that power be <u>challenged</u> and <u>changed</u>.

7 Principles of Data Feminism

Examine power

Challenge power

Rethink binaries and hierarchies

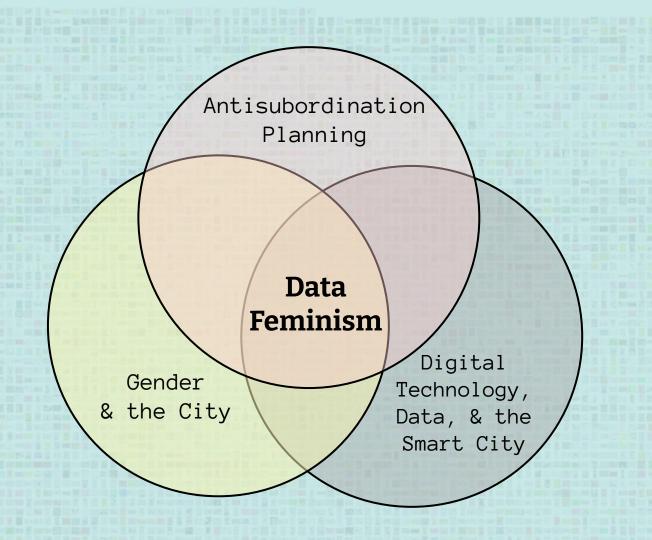
Elevate emotion and embodiment

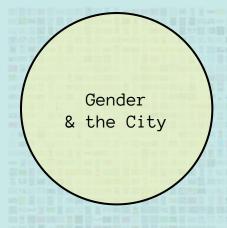
Embrace pluralism

Consider context

Make labor visible

Implications for Urban Planning





- What Would a Non-Sexist City Be Like? Speculations on Housing, Urban Design, and Human Work (Hayden, 1980)
- "Housing Insecurity Seems to Almost Go Hand in Hand with Being Trans" (Glick et al, 2019)
- Planning from below: using feminist participatory methods to increase women's participation in urban planning (Escalante & Valdivia 2015)
- Feminist interventions into the built environment, e.g. Barcelona
- "Mobilities of Care" Inés Sanchez de Madariaga
- Women's Safety and Security. A Public Transport Priority. (Int'l Transport Forum, 2018)
- Gender-engaged municipal governance, e.g. Vienna

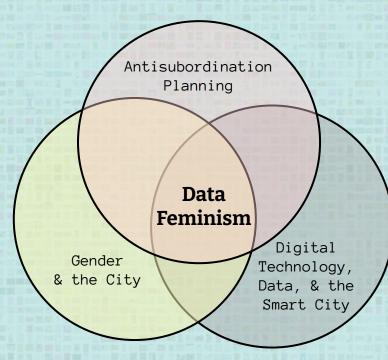


"Many basic institutions in the United States arose out of a context of genocide, slavery, denial of basic liberties, and persistent white supremacist terrorism."

- Antisubordination Planning (Justin Steil, 2020)
- Builds from equity planning and advocacy planning
- Foregrounds analysis of power based on sex, gender, sexuality, race, ethnicity in planning decisions
- Recognizes institutional structure, conscious & unconscious bias in shaping planning
- Favors policies that ameliorate and dismantle categorical inequalities
- From Racial to Reparative Planning: Confronting the White Side of Planning (Williams 2020)

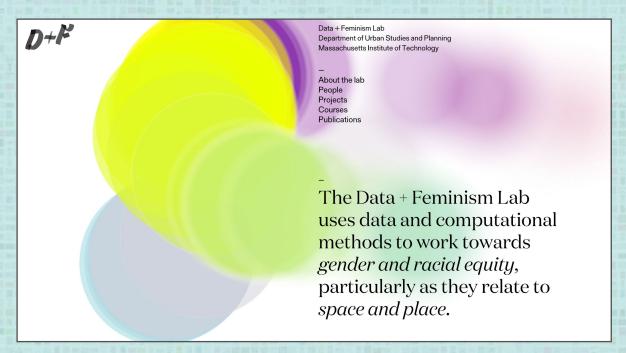


- Citizenship, Justice and the Right to the Smart City (Kitchin et al 2019)
- Sensors and Civics: Toward a Community-centered Smart City (D'Ignazio et al 2019)
- Mainstreaming gender equality in smart cities:
 Theoretical, methodological and empirical challenges (Nesti, 2020)
- Boston Smart City Playbook (City of Boston, 2017)
- Automating Inequality (Eubanks, 2018)
- Digital Welfare, automated social protection programs (see report: "Towards gender equality in digital welfare")



When Data Feminism may be useful to planners and planning processes

- Digital inequality in the city
- Privacy and consent practices with civic data
- Building healthy civic information ecosystems
- Procurement of technology, evaluating vendors
- Integration of ADMS into city infrastructure
- Digital impact assessment
- Smart infrastructure
- Citizen participation & co-design
- Regulating platforms and technologies in the city (e.g. Uber, proptech)
- Data collection, sharing, retention & use policies
- Open data portals: engagement & literacy
- Collaborative, citizen-driven audits of city systems
- Community visioning processes: building liberatory feminist futures



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Thanks!

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