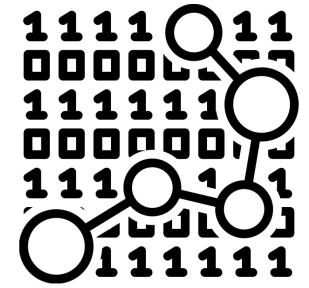


20191001 Platform & Urban Commons

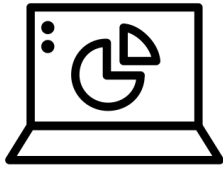
The Essentials to Build the e-Platforms toward the Urban Commons of Conviviality

Kwang-Suk LEE (SeoulTech)

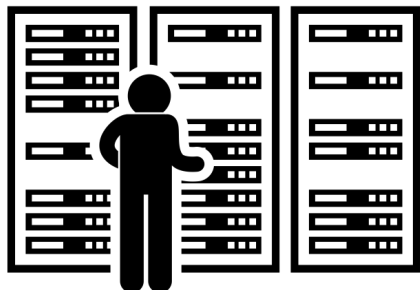
# Platform & Urban Commons



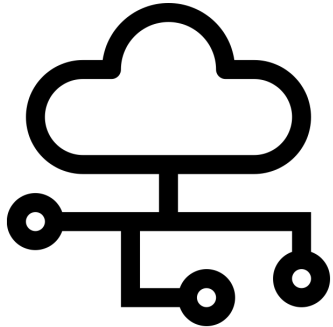
**Big Data**



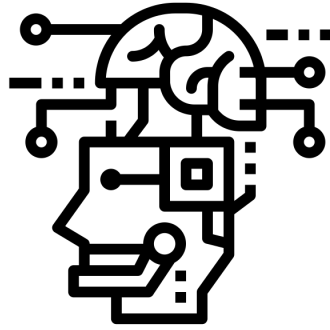
**IoT**



**Data Center**



**Cloud**

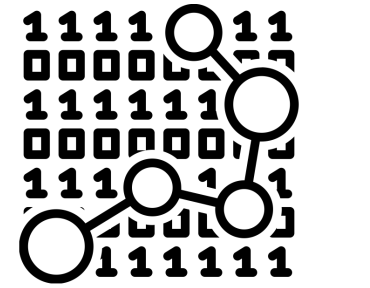


**AI Algorithm**



**VR/AR**

# Platform & Urban Commons



**Big Data**



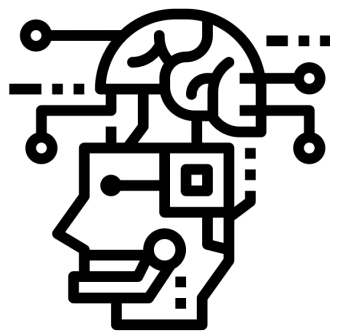
**IoT**



**Data Center**



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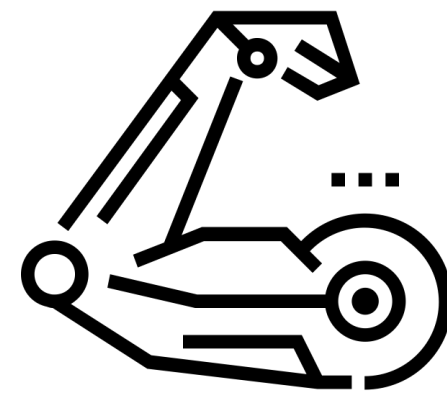


**AI Algorithm**



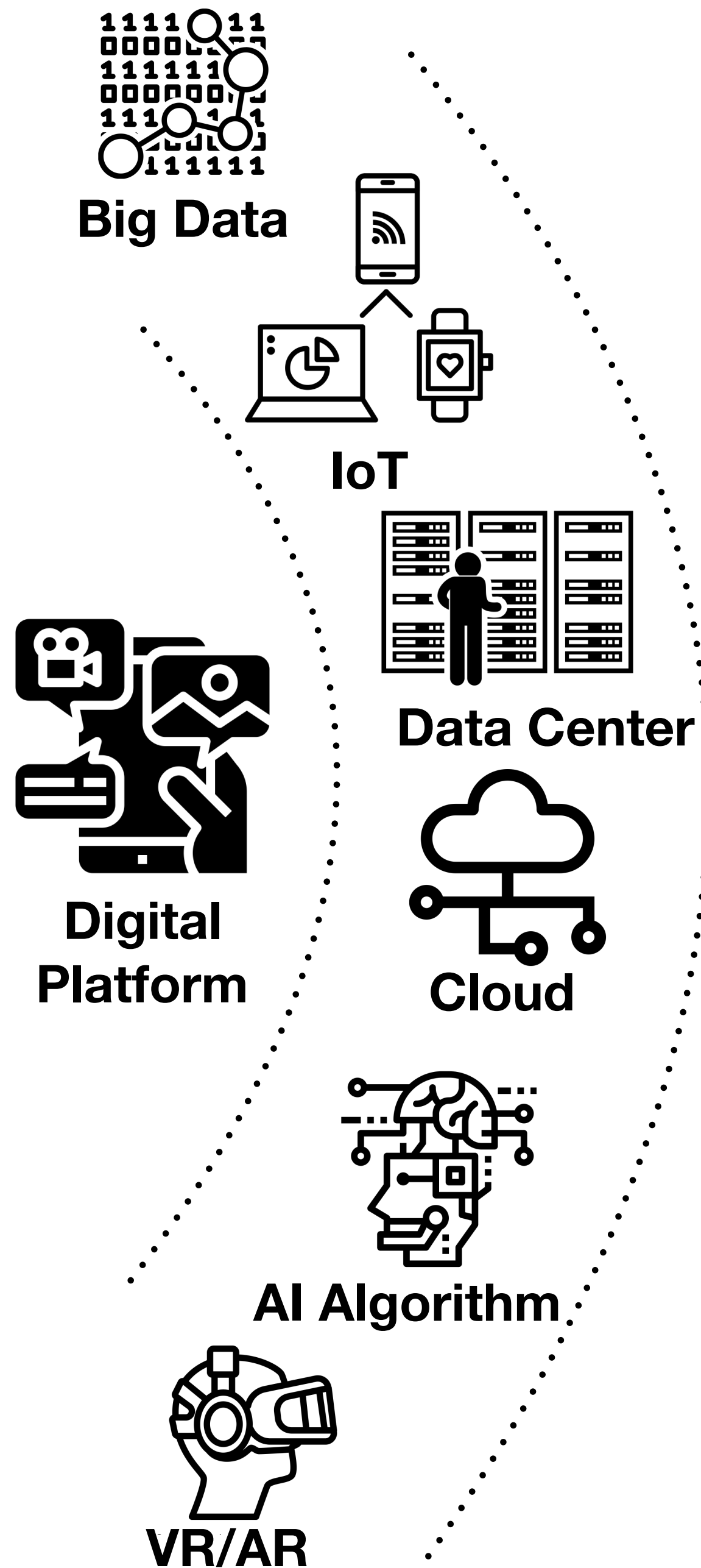
**VR/AR**

## [Major Trends]

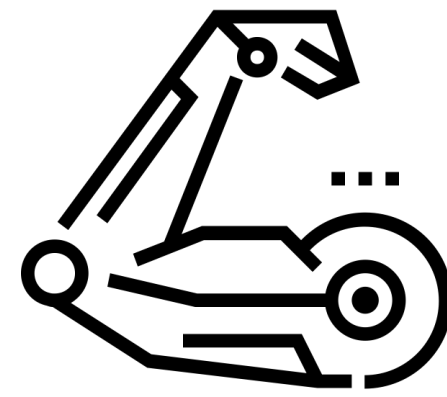


- sharing the unused ones
- maximizing market efficiencies of resource allocation and matching
- real-time algorithmic data analyses and recommendations
- freelancing labor and free contract
- unmanned AI control
- new market chances for startups

# Platform & Urban Commons

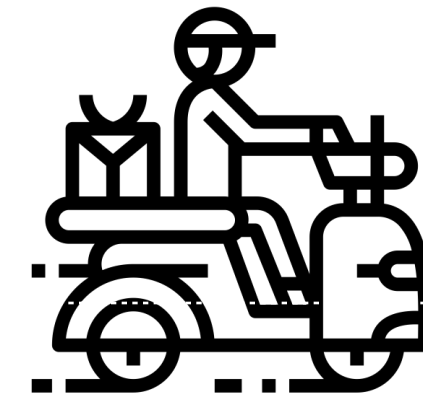


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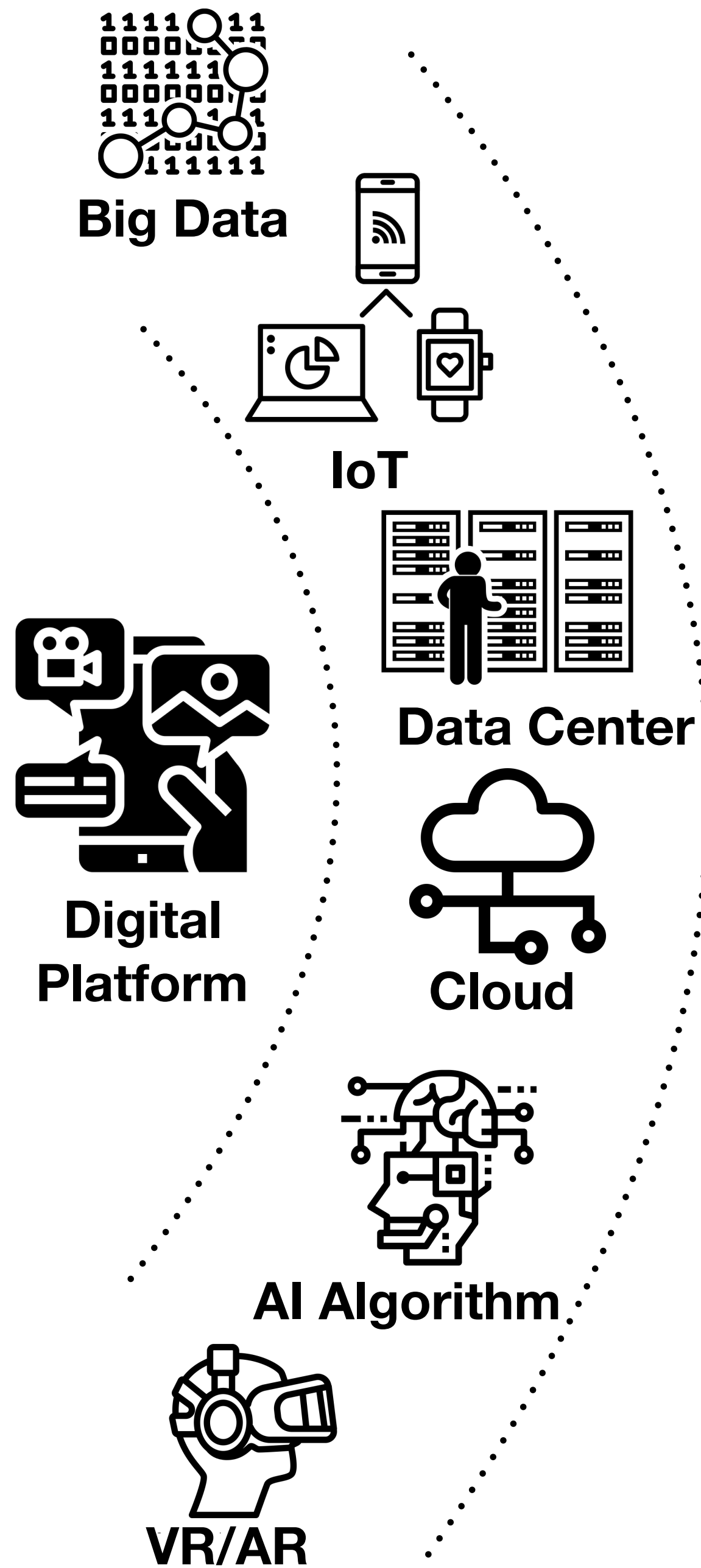
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## [Problems]

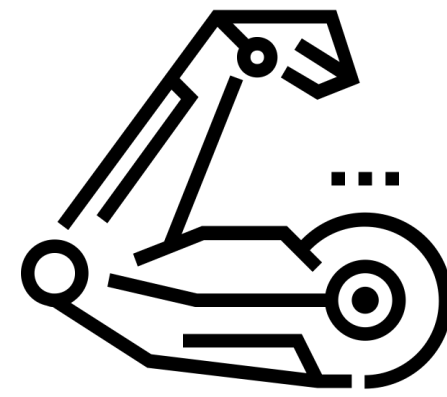


- generalizing tech-driven innovation as social one
- ‘sharing’ w/out reciprocity and mutual aids
- algorithmic biases in ‘automatic society’
- labor control through an app or AI algorithmic mechanisms
- fragmented and precarious platform workers
- startups missing a platform work ethic

# Platform & Urban Commons

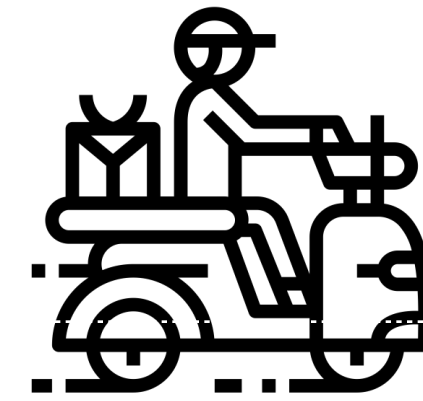


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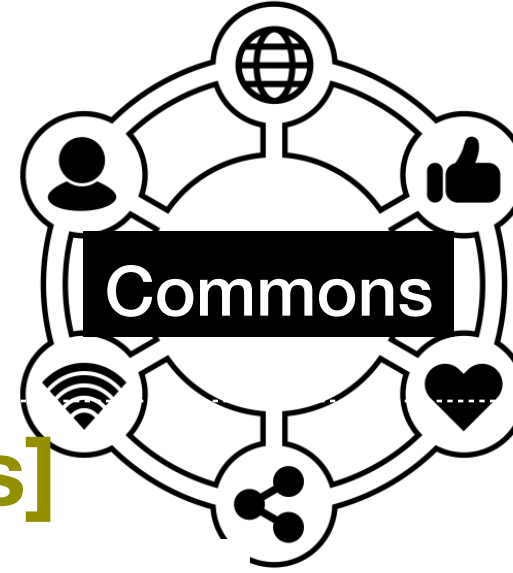
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## [Commoning Platforms]



- a critical approach to platform capitalism, and disseminating the convivial values of the commoning platforms in society
- establishing social consensus to determine the level of AI automation and algorithmic control
- building reciprocal association of platform workers, such as platform co-ops and unions
- implementing the legal and policy instruments to help civil society protect itself shared resources and common knowledge
- expanding the open platforms supported by the city-commons lab or coalition