

Leveraging Data for Systems Change - CODI

Clinical-Community Data Initiative – EHR plus community, privacy preserving linkage, child & household linkage

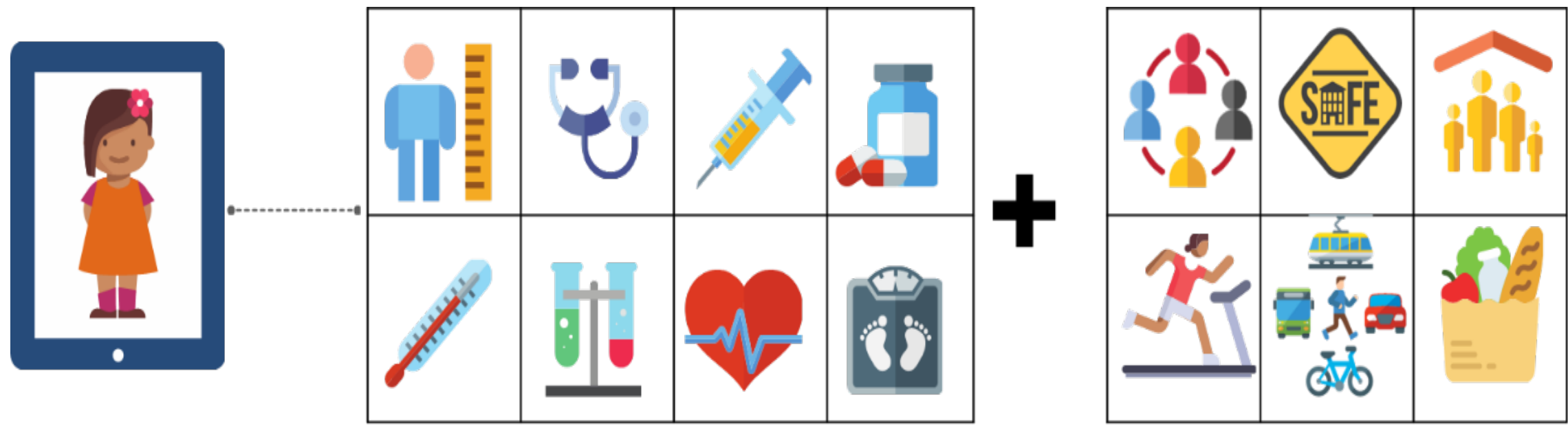
- 1.0 Childhood Obesity Data Initiative
- 2021+ **Clinical Community Data Initiative (CODI)**
 - Denver CO (Pediatric); Raleigh-Durham/RTP NC (Household/Dyads)
- Data Inputs/Assets
 - Electronic Health Records from across systems
 - Community-Based Organizations
 - American Community Survey
 - Demographics and location

E.g. BMI, Cardiometabolic health, COVID-19, Green spaces, SDOH- Food Security, Poverty, Use of Programs (dose), Services, local zoning/policy



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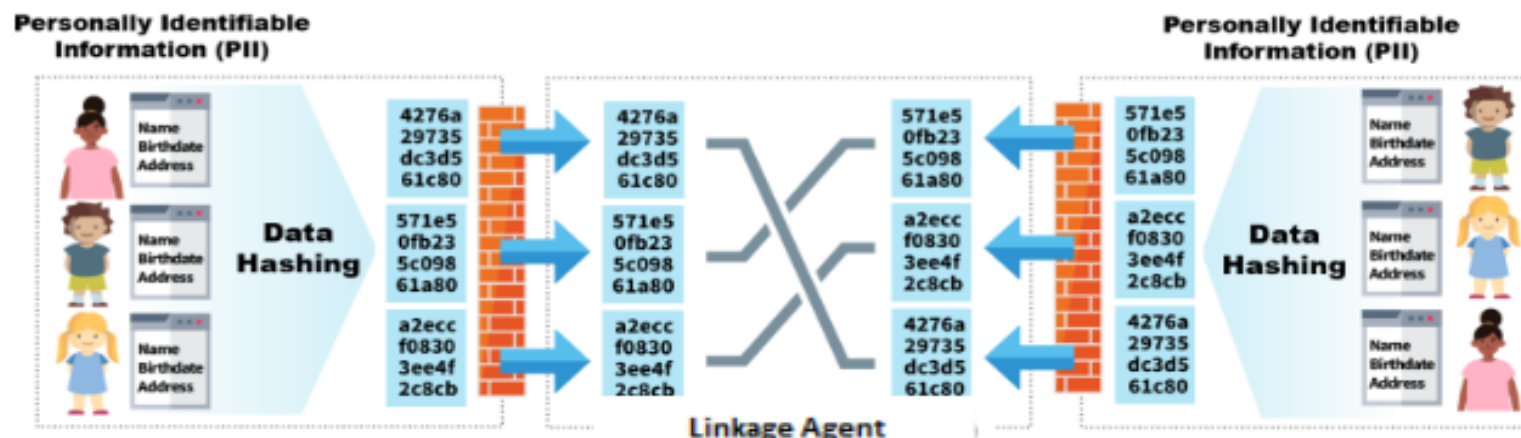


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LINKING RECORDS WHILE PRESERVING PRIVACY

CODI links individuals' health records in existing information systems while protecting personally identifiable information. To preserve privacy while linking records, information is **encoded in a secure, private** format behind each organization's firewall before sharing, using a process called data hashing. **CODI uses these hashed data to link records across settings and information systems.**



DISTRIBUTED HEALTH DATA NETWORK (DHDN)

Help local public health programs and health systems know if services, policies, programs are benefitting families

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