Data Sharing and Governance
Considerations for the SIMSystem Pilot Team

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Expectations of Privacy

• Whose data are being captured?
• How will the data be used?
• Who will benefit from the data being captured and shared?

• Expectations of privacy in different spaces:
  • public (buses)
  • private (personal cars)
  • ambiguous (bike/scooter rentals, autonomous pods, Uber/Lyft)
Understanding consent

• When is consent necessary for data gathering and sharing?
  • Can individuals be identified based on their route or sequence of travel modes?
  • Will all data be aggregated to help prevent reidentification?

• Building trust:
  • Setting passenger/user expectations
  • Terms of Use
  • Opting out
Who owns the data and how can they share it?

• Clear ownership/stewardship should be established
  • Proprietary or civic
• Data elements defined, justifications documented
• Data management plans shared across owners/stewards
• Limited data sharing agreements established early
• Third party data management
• Transparent plans for storage, security, and use
• Plans for short-term disposal, long-term archiving
Governance models

• Memoranda of understanding
• Data sharing/use agreements
• Non-disclosure agreements