

MOBILIZE

Mobility DataSpace - India's first unified DataSpace for Urban Mobility

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The lack of a robust data culture in India's urban mobility sector acts as a constraint in the development of sound government policies, efficient service delivery and most importantly, innovation from the private sector and start-ups across the country.

For instance, Akash is the founder of a fledgling drone start-up. Every time he flies his drone, Akash is able to capture innumerable data points about the city's roads - the state of traffic at the busiest junctions, the location of every illegally parked car and even images of road accidents as they occur. There's no doubt that the data he collects is of immense value to the city administration, the police, emergency services and even other startups operating in the region. Therefore, the question we asked ourselves was this - Is there a way to connect them to each other and help them innovate together?

We aim to build Mobility DataSpace, a unified data ecosystem for urban mobility, that will enable democratic sharing of standardized, high quality urban mobility-related datasets among various stakeholders in the quadruple helix model - Government, citizens, academia, and industry. Further, through sustained dialogue and collaboration with these stakeholders, we hope to incentivise a "culture of data" within urban mobility and allied sectors.

Inspired by the DataSmart Cities Strategy and MeitY's framework for National Open Digital Ecosystems, Mobility DataSpace will rest on three key pillars - Data Delivery Platform, Governance and Community. The Data Delivery Platform will act as public digital infrastructure that can share standardized, high quality data, as well as provide additional services based on the available data. Further, the development of comprehensive domain-specific data standards for urban mobility, in line with national guidelines and international best practices, is also a key effort within this pillar. Through the second pillar, Governance, we aim to clearly define the types of data licensing and rules of usage for this platform along with responsibilities and liabilities of various actors within the ecosystem. Finally, the third and most important pillar, Community, will focus on facilitating collaboration and innovation among government organisations, private companies, start-ups, research institutions. In order to encourage a "culture of data", we plan on creating an experimental incentive model that helps realize the innate value of high quality data. Over the course of the pilot project, we plan on conducting data hackathons, open innovation challenges and webinars as a part of the outreach strategy.

The Beta version of Mobility DataSpace is currently hosted on <https://ckan.dataspace.mobi> and our team can be reached at hi@dataspace.mobi.

