MOBIKIT HACKOHI/O CHALLENGE

BACKGROUND

Mobikit is a data platform for vehicles (e.g., cars, trucks, buses, scooters, bikes). We are making it easy to build the next generation of data-driven mobility applications and services. We're teaming up with Honda to challenge all of you to improve mobility through data and technology.

CHALLENGES

We're giving away prizes for "Best Mobility Hack". Develop a Mobile App, Web App, Dashboard, or any other project that fits into one of two impact areas: *Accessibility* or *Environmental Sustainability*. A few examples are provided here:

<table>
<tr><td colspan="2" rowspan="2"></td><td colspan="2" align="center">HACKS</td></tr>
<tr><td align="center">AI, ANALYTICS, & DASHBOARDS</td><td align="center">APPS & SERVICES</td></tr>
<tr><td rowspan="2">IMPACT AREAS</td><td>ACCESSIBILITY</td><td>● Uncover transportation barriers, affordability gaps, and other opportunities to improve equality.</td><td>● Improve congestion, city operations, and access to public and/or private services.</td></tr>
<tr><td>SUSTAINABILITY</td><td>● Identify patterns and behaviors that drive (un)sustainable transportation behavior.</td><td>● Reduce emissions, drive sustainability, and "nudge" environmentally friendly behavior.</td></tr>
<tr><td colspan="2">RELEVANT MOBIKIT TOOLS</td><td align="center">Viz | Grid | Python Library</td><td align="center">Automations | Python Library</td></tr>
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RESOURCES

At the event, we will provide access to hackohio.mobikit.io, which will include:

- Datasets from COTA, CoGo bike shares, CampusParc lots, and others
- Ability to add new datasets
- API's for querying data, creating automations, and adding real-time feeds
- Example applications & tutorials

JUDGING CRITERIA

- **Impact:** How well does the hack address the challenges?
- **Functionality:** Does it work?
- **Originality & Creativity:** Was this a novel idea?
- **Teamwork:** Did each member in the group contribute?