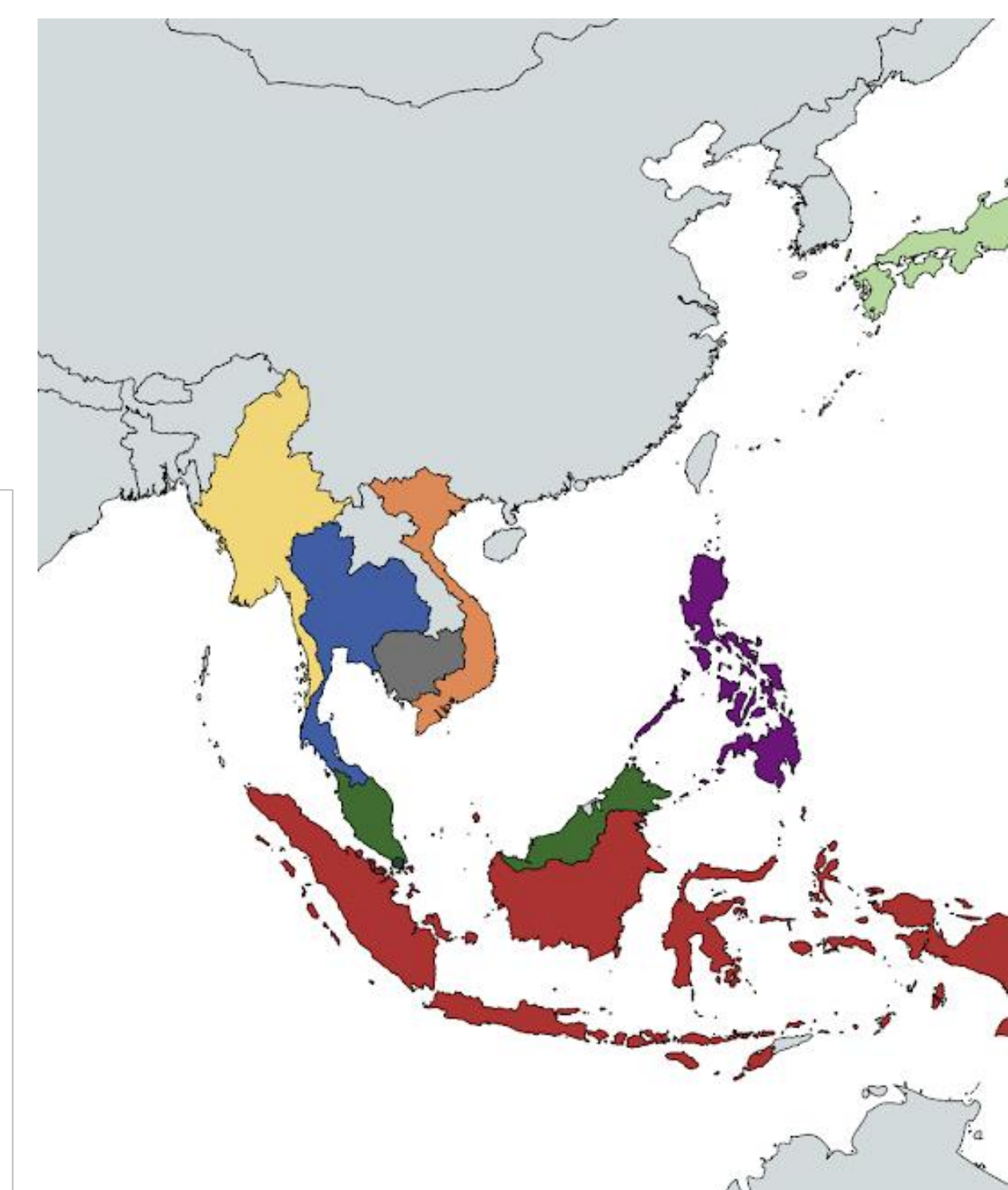


Building a Partnership with Grab for Cross-ASEAN Regional Urban Insights

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Grab is a Singaporean ride-hailing company. The company offers transportation, food delivery, and digital payments in a mobile app. It operates in the Southeast Asian countries of Singapore, Malaysia, Cambodia, Indonesia, Myanmar, Philippines, Thailand and Vietnam, and the Japan. It is Southeast Asia's first "decacorn".



Grab, and other ride sharing and gig-work systems, are having enormous impacts on the ecosystems they work in. These include interrelated effects among drivers, passengers, the environment, and the economy.

Goal: Leverage Grab's data to explore the implications of the platform on large, "social good" initiatives.
Mechanism:

Question 1: What is the effect of being a grab driver on income mobility?

Intuition 1: Being a Grab driver probably helps people move up the ladder.

Question 2: How does pollution affect Grab drivers?

Intuition 2: Lower income areas get less food delivered, likely indicating particular vulnerability to COVID.

Question 3: How has income level affects food delivery during COVID?

Intuition 3: Drivers drive less or avoid polluted areas.

Broader Impacts - Society

Learn about impacts of ride sharing and gig work on drivers in ASEAN Context. Potential for policy interventions supporting or limiting such work styles.

Broader Impacts – Sustainability

Investigate the impacts (with decision metrics) of regional pollution on drivers and passengers on common vehicle types for the region. Should provide arguments for reducing pollution in these environments.

Next Steps:

Significant delays due to COVID. Currently negotiating *transport* data share for agenda 2 with future data. Expectation of Singapore travel in Summer 2021.