GEORGETOWN UNIVERSITY
McCourt School *of Public Policy*

MASSIVE DATA INSTITUTE

MODELING PROPENSITY TO USE OR SELL DRUGS AT THE BLOCK GROUP LEVEL

TUESDAY, NOV 15 AND WEDNESDAY, NOV 16: 4:00-5:30PM EACH DAY

We will use publicly available survey data to build machine learning models to predict the probability an individual recently sold or consumed illicit drugs. We will then connect this model to publicly available census data to investigate patterns in drug use and sales at the public use microdata area (PUMA) level. Finally, utilizing proprietary data from RTI International, we will create maps of drug behavior. We will see how these tools can be used to inform policy makers about who, and where, drugs are being used and sold. Students will code examples using Python. Basic familiarity is expected.

Lead by Dr. J.J. Naddeo, a Postdoctoral Fritz Fellow at the Massive Data Institute and the Institute for Technology Law & Policy. His work centers on identifying, and offering novel solutions to, racial disparities in the criminal legal system. He received his PhD in economics from Georgetown University.

In-person for Georgetown Students, Faculty, Staff.

Register @ https://bit.ly/MDIWorkshopsFall2022