In recent years, the country has been gripped by news of tragic encounters between police and unarmed civilians of color. Traffic stops are, in fact, the most common way that the public encounters law enforcement, and therefore studying these stops shines a light on a significant aspect of police practice. Data which were collected by the Los Angeles Police Department under a Consent Decree with the U.S. Department of Justice provide a prime opportunity to better understand policing, well beyond counting who is stopped. For example, when a driver is pulled over, the stop may include a frisk or search but only if certain legal criteria are satisfied. Who is searched, and under what basis? Are particular drivers asked to consent to a search? Who declines? A statistical analysis not only illuminates racial and ethnic disparities in stops, frisks, searches, and outcomes, but in fact points to concrete policy recommendations. We’ll discuss how this material can be used in the classroom as well, inviting students to conduct their own analysis. These topics can also take instructors beyond the classroom to unexpected places. (Received August 28, 2018)