

Milestone 1:

Flights

Links:

http://www.transtats.bts.gov/DatabasInfo.asp?DB_ID=120&DB_Name=Airline%20On-Time%20Performance%20Data

<http://projects.fivethirtyeight.com/flights/>

<http://tomaugspurger.github.io/modern-1.html>

From: Data is Plural

Question: What is the probability that a given flight will be delayed?

Solar

Links:

<https://www.eia.gov/electricity/annual/>

- Table 3.21. Net generation from solar photovoltaic by state by sector

<http://tomaugspurger.github.io/modern-1.html>

From: Data is Plural

Question: Which states are generating the most energy from solar panels and how has that changed over time?

Parking Tickets

Links:

https://data.cityofnewyork.us/City-Government/Parking-Violations-Issued-Fiscal-Year-2014/jt7v-77mi/explore/query/SELECT%0A%20%20%60summons_number%60%2C%0A%20%20%60plate_id%60%2C%0A%20%20%60registration_state%60%2C%0A%20%20%60plate_type%60%2C%0A%20%20%60issue_date%60%2C%0A%20%20%60violation_code%60%2C%0A%20%20%60vehicle_body_type%60%2C%0A%20%20%60vehicle_make%60%2C%0A%20%20%60issuing_agency%60%2C%0A%20%20%60street_code1%60%2C%0A%20%20%60street_code2%60%2C%0A%20%20%60street_code3%60%2C%0A%20%20%60vehicle_expiration_date%60%2C%0A%20%20%60violation_location%60%2C%0A%20%20%60violation_precinct%60%2C%0A%20%20%60issuser_precinct%60%2C%0A%20%20%60issuser_code%60%2C%0A%20%20%60issuser_command%60%2C%0A%20%20%60issuser_squad%60%2C%0A%20%20%60violation_time%60%2C%0A%20%20%60time_first_observed%60%2C%0A%20%20%60violation_county%60%2C%0A%20%20%60violation_in_front_of_or_opposite%60%2C%0A%20%20%60house_number%60%2C%0A%20%20%60street_name%60%2C%0A%20%20%60intersecting_street%60%2C%0A%20%20%60date_first_observed%60%2C%0A%20%20%60law_section%60%2C%0A%20%20%60sub_division%60%2C%0A%20%20

[%60violation_legal_code%60%2C%0A%20%20%60days_parking_in_effect%60%2C%0A%20%20%60from_hours_in_effect%60%2C%0A%20%20%60to_hours_in_effect%60%2C%0A%20%20%60vehicle_color%60%2C%0A%20%20%60unregistered_vehicle%60%2C%0A%20%20%60vehicle_year%60%2C%0A%20%20%60meter_number%60%2C%0A%20%20%60feet_from_curb%60%2C%0A%20%20%60violation_post_code%60%2C%0A%20%20%60violation_description%60%2C%0A%20%20%60no_standing_or_stopping_violation%60%2C%0A%20%20%60hydrant_violation%60%2C%0A%20%20%60double_parking_violation%60%0AORDER%20BY%20%60issue_date%60%20ASC%20NULL%20LAST/page/column_manager#](#)

<http://iquantny.tumblr.com/post/144197004989/the-nypd-was-systematically-ticketing-legally>
<https://data.cityofnewyork.us/City-Government/Parking-Violations-Issued-Fiscal-Year-2014-August-/jt7v-77mi> <https://data.cityofnewyork.us/dataset/Parking-Violations-Issued-Fiscal-Year-2015/c284-tqph>
<https://data.cityofnewyork.us/City-Government/Parking-Violations-Issued-Fiscal-Year-2016/kiv2-tbus>
<https://www.opendataphilly.org/dataset/parking-violations>
<http://www1.toronto.ca/wps/portal/contentonly?vgnextoid=ca20256c54ea4310VgnVCM1000003dd60f89RCRD> <https://data.baltimorecity.gov/Transportation/Parking-Citations/n4ma-fj3m>
<https://data.seattle.gov/Public-Safety/Parking-Violations-All/q2m9-8vqf>

Question: What is the probability of you getting a parking ticket at a given location with a given vehicle?

Collaboration Plan: