**Null hypothesis:**

There is no correlation between incidents of food poisoning (as reported on source site) and results/ timing of City of Chicago health inspections

**Tasks/timeline**

Extract data: Mon – noon

Incidents – Jeff, target Mongo DB

Inspections = Eugenio, target Mongo DB

Filter/Transform: EOD Wed

Join by business (incident address and name data translated to location) - Kamil

Load: EOD Fri - noon

Load resulting data into mySQL – Alan

Results/Consolidation: All, SAT

Preparation: Everyone will put all code used by function into a single python file that will be integrated into a single Jupyter notebook for submission

**Extraction: Data Sites**

I was Poisoned: <https://iwaspoisoned.com/#>

Description: self-reported individual incidents of perceived food poisoning

Data: Date, symptoms, business

<https://data.cityofchicago.org/Health-Human-Services/Food-Inspections/4ijn-s7e5>

Description: City of Chicago health inspection

Data: Business, type of business, address, location, license, date, type of inspection, results

<https://www.latlong.net/>

Description: Translate address information into longitude/latitude

Data: Input: Address Output: Longitude, Latitude

Correlation: Chicago self-reported incidents of data poisoning correlated to city