**Investigating the Relationship between Air Quality and Health Outcomes.**

**Introduction:**

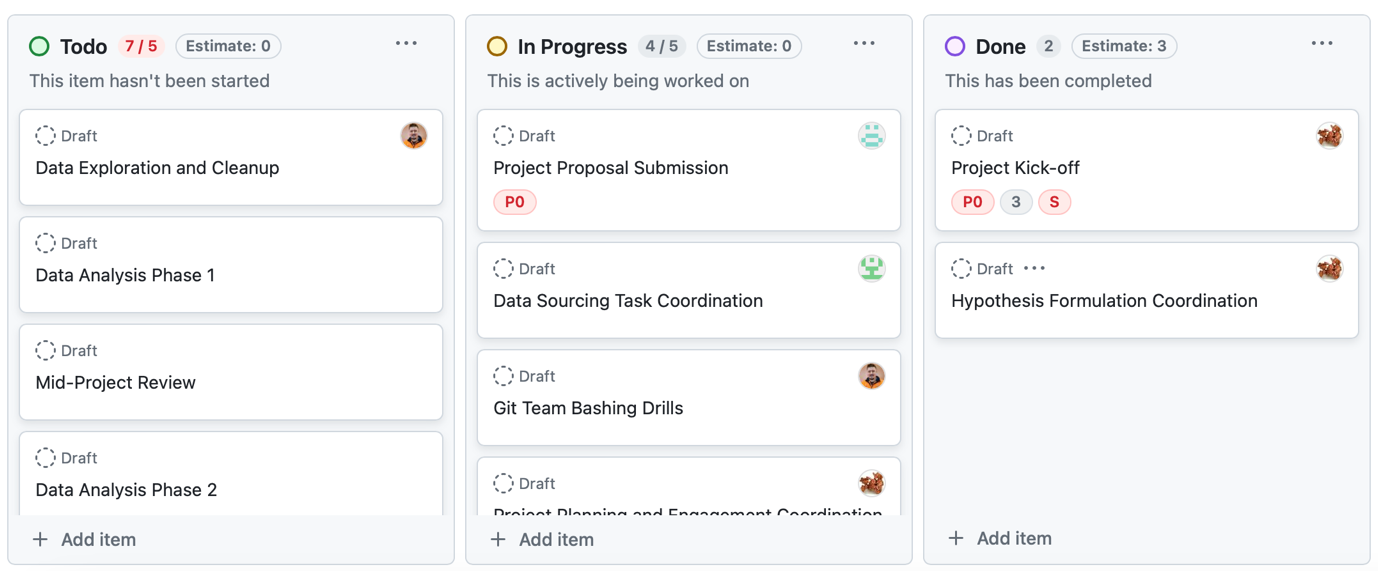
Air quality plays a crucial role in determining public health outcomes. This project aims to explore various aspects of this relationship, including cardiovascular diseases, mental health, respiratory health and socioeconomic disparities.

**Objectives:**

* Evaluate the hypothesis that urban areas with high vehicular emissions have a greater prevalence of cardiovascular diseases compare to rural areas with lower air pollutant levels.
* Conduct and investigative analysis to identify possible correlations between air quality and mental health outcomes such as depression, anxiety and cognitive functions.
* Utilize geospatial analysis to examine how air quality metrics impact respiratory health outcomes, focusing on specific regions and comparing with death rates and cause of death.

**Team Members:**

* Alvin Giang:
* Bradley Curthoys:
* Fatema Girnary:
* Wendy Ware:

**Responsibilities:**

**Data Collection:**

* [**OpenWeatherMap Air Pollution API**](https://openweathermap.org/api/air-pollution)
* [**WHO Global Health Observatory**](https://www.who.int/data/gho)
* [**Geoapify**](https://www.geoapify.com/)
* [**World Air Quality Index API**](https://aqicn.org/api/)