

Response Summary:

From a Problems to Data Sources Worksheet

Goal: Acquire data for semester topic

Objectives: Students will identify appropriate data sources transition from a broad topic to a specific question

Outcomes: Students will plan, generate, and determine the availability of data for the semester

1. Student Information *

First Name	Samruddhi
Last Name	Tawade
Course (e.g. CGT 270-001; CGT 501)	CGT 275
Term (e.g. F2020)	S2022

Q12. If you are enrolled in CGT 501, select a cohort

N/A

2. Email Address (enter your University email address) *

stawade@purdue.edu

3. Purpose (select an option from the drop down box) *

- Develop Research Questions

Evaluate

4. Describe your semester topic below *

I am working on the topic of: describe your topic	The impact of microplastics on our health and environment
Because I want to find our: describe the research goal	how microplastics affect our health and impact the environment
In order to help my reader understand better: describe intention for reader	how they personally, as are we all, affected by microplastics, and what it can mean for them in the long (or short) run.

5. Talk to a Librarian to help identify appropriate data sources for the semester topic. *

Primary Sources: Raw data (that you collect and/or generate where applicable)	Conduct a study on myself and some others on campus to see how many plastic products that we use daily contain microplastics.
Secondary Sources (must have at least 1 secondary source): best secondary sources are books from published literature, university press and/or articles that have been peer reviewed	https://www.ncei.noaa.gov/products/microplastics Government data on microplastics in the ocean.
Tertiary Source: include Books and articles that synthesize secondary data for general readers	https://oceanservice.noaa.gov/facts/microplastics.html https://labs.waterdata.usgs.gov/visualizations/microplastics/index.html https://www.sciencedaily.com/releases/2021/10/211027122120.htm +more that I'm still in the process of finding

You must have a minimum of 3 data sources. If all of your data sources are internet web sites, this page will be returned to you to find additional sources.

6. How did you evaluate the data sources provided above for relevance and reliability? *

I evaluated these data sources based on how relevant they were to my topic by seeing whether or not they covered any of these three key topics: how microplastics are made, where they are used, and where they end up. I made sure to use government data sets for reliability, and will look for more peer reviewed ones from our library or Google scholar.
