

DATA FOUNDATIONS (IS-6713)
ANNOTATION GUIDELINES

GROUP NAME: DATA GHOULS

GROUP MEMBERS:

Shamitha Elugubanti - owl867

Sriram Mahankali - amg062

Navya Murthy - ltd326

Olusegun Victor Adeola – ixn998

Task 1: Annotation Guidelines for “Technology-related” Comments

Objective: The objective of this annotation task is to determine if each comment is "technology-related" or "Not Technology-related". Classifying comments according to the mention or discussion of technology, technical applications, or tech-related topics.

Guidelines for Annotators:

1. Definition of “Technology-related”:

A comment should be labelled as **1 (Technology-related)** if it directly or indirectly refers to any form of technology or technological applications. This includes references to physical devices, software, or technology in general terms, as well as infrastructure and systems that are dependent on technology. Here are some core areas to consider:

- **Devices and Equipment:** References to smartphones, computers, medical devices, vehicles, IoT (Internet of Things), etc.
- **Software and Applications:** Mentions of specific software, apps, online platforms, or digital services.
- **Technological Services:** Concepts like public Wi-Fi, internet connectivity, public transportation reliant on tech, etc.
- **Emerging Technologies:** Concepts such as artificial intelligence, blockchain, virtual reality, smart city technologies, and automation.

2. Labelling Criteria:

- **1 (Technology-related):** The comment must include a direct or implied mention of technology.
- **0 (Not Technology-related):** The comment should be labelled as “Not Technology-related” if there is no mention or indirect implication of technology.

3. Examples:

- **Technology-related (1):**
 - i. “The city should introduce more apps for real-time bus schedules.” (*Relates to software applications for public services.*)
 - ii. “Public Wi-Fi is essential for our community to stay connected.” (*Mentions tech infrastructure in the form of Wi-Fi.*)
- **Not Technology-related (0):**
 - i. “I love the community feel of this city, and I hope it never changes.” (*General opinion, no tech mention.*)
 - ii. “More parks and green spaces would improve public morale.” (*Focuses on public space improvements without technology.*)

4. Tricky Cases:

- **Indirect Mentions:** If a comment indirectly references technology, use your judgment. For example, “More efficient transportation” could imply tech-enabled solutions but only label it “Technology-related” if there is a reasonable assumption based on context.
- **Jargon or Slang:** If users use slang to refer to technology (e.g., “tech,” “apps,” “smart tools”), these should be categorized as “Technology-related” based on context.

5. Annotation Instructions:

- **Label Options:** Use "0" for Technology-related and "1" for Not Technology-related.
- Enter the shorthand label directly into the “Label” column of the spreadsheet.
- Ensure consistency using only the provided abbreviations.

Task 2: Annotation Guidelines for “Public Utilities for Energy, Water, and Waste Management”

Objective: Here we focus on identifying comments that discuss or relate to public utilities for energy, water, and waste management. This aims to analyze community feedback on these essential services and categorize comments as either relevant or not relevant to this topic.

Guidelines for Annotators:

1. Definition of Relevant Comments:

A comment should be labelled as **1 (Relevant)** if it directly or indirectly discusses topics related to public utilities for energy, water, or waste management. These may include, but are not limited to:

- **Energy:** References to electricity, renewable energy (solar, wind, etc.), energy conservation, grid infrastructure, power outages, or alternative energy solutions.
- **Water:** Comments on water quality, access, supply, conservation efforts, infrastructure (pipes, reservoirs), or issues like drought or flooding.
- **Waste Management:** Discussions about recycling programs, waste disposal, composting, or innovations in reducing waste.

2. Labelling Criteria:

- **1 (Relevant):** A comment should be labelled as "1" if it contains a direct mention or indirect implication of energy, water, or waste management.
- **0 (Not Relevant):** A comment should be labelled as "0" if it lacks any discussion or implication of these topics.

3. Examples:

○ Relevant (1):

- i. "The city should invest in more solar energy projects to reduce reliance on fossil fuels." (*Energy-related.*)
- ii. "We need better infrastructure for managing water supply during droughts." (*Water-related.*)
- iii. "Recycling bins should be available in all public spaces to encourage waste management." (*Waste-related.*)

○ Not Relevant (0):

- i. "I think the city needs more parks and green spaces." (*Unrelated to utilities.*)
- ii. "Public transportation systems should be expanded to reduce traffic." (*Focus on transportation, not utilities.*)

4. Tricky Cases:

- **Indirect Mentions:** If a comment indirectly references utilities (e.g., "We need cleaner solutions for city services"), consider whether it reasonably aligns with energy, water, or waste management before labelling.
- **Overlapping Topics:** Comments that touch on multiple areas, such as energy and transportation, can still be labelled as relevant if they address energy solutions.

5. Annotation Instructions:

- Use the following binary labels:
 - **1:** Relevant to public utilities for energy, water, and waste management.
 - **0:** Not relevant to these topics.
- Enter the label into the spreadsheet in the provided “Label” column.