**Interview Questions**

**Learning ML**

1. Can you explain what you learned using LearningML?

2. What did you teach the computer?

3. How did you teach the computer (to recognize images or text)?

4. So, why does the computer detect (images or text)?

5. Did you collaborate with other kids while using the platform? How was the experience? 6. Did you find the platform easy or challenging to use and navigate?

**DoodleIt**

1. How do you think DoodleIt recognizes images?

2. What objects does DoodleIt always guess correctly? Why do you think this is so?

3. Do some of the filters recognize different types of features in the image?

4. If you draw an object other than these 6 (cat, sheep, apple, door, cake, triangle), then

what happens and why do you think it happens?

5. What object does the platform guess wrongly most often and why do you think this is so?

**PRE- and POST- Questionnaire**

**PART 1: Demography details**

1. What is your gender? a. Male ( ) b. Female ( )

2. How old are you? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. What is your current class level? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. What course would you like to study in future? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PART 2: Awareness of Artificial Intelligence/ML/ChatGPT**

1. Have you heard of artificial intelligence before now?

(a) Yes ( ) (b) No

2. Have you heard of Machine Learning before now?

(a) Yes ( ) (b) No

3. Have you heard of ChatGPT before now?

(a) Yes ( ) (b) No

**Open-ended prompts:**

4. How would you describe AI? ---------------------------------------

5. How would you describe ML? ---------------------------------------

6. How would you describe ChatGPT? -----------------------------------------------------------

7. What are some common things you see or use every day that have ML concepts in them? -------- 8. Is ML important to you? If so, how? ------------------------------------------------------------

9. How would you like to use ML in your daily life? ----------------------------------------------------------

10. What concerns do you have (if any) with the ethics or social effects of AI? ----------------------------

**PART 3**

**Close Ended Prompt**

Indicate to what extent you agree with the statements on a 6-point Likert scale.

(1. Strongly Disagree (SND), 2. Disagree (D), 3. Slightly Disagree (SLD), 4. Slightly Agree (SLA), 5. Agree (A), 6. Strongly Agree (SNA))

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|  |  |  |  |  |  |  | **SND** | **D** | **SLD** | **SLA** | **A** | **SNA** |
|  |  | **Perceptions of ML experts** | |  |  |  |  |  |  |  |  |  |
| PM1 | Kids who have knowledge of ML are smarter  than average. | | | | | |  |  |  |  |  |  |
| PM2 | People that understand ML are good at math. | | | | | |  |  |  |  |  |  |
| PM3 | People that understand ML are good at science. | | | | | |  |  |  |  |  |  |
| PM4 | People that understand ML are good at language  arts. | | | | | |  |  |  |  |  |  |
|  |  | **Interest in ML** |  |  |  |  |  |  |  |  |  |  |
| IM1 |  | I am interested in ML. |  |  |  |  |  |  |  |  |  |  |
| IM2 |  | I would like to learn more about ML. | | |  |  |  |  |  |  |  |  |
| IM3 | I am interested in how ML works | | | . |  |  |  |  |  |  |  |  |
| IM4 |  | I would like to study ML in the future. | | | |  |  |  |  |  |  |  |
|  |  | **Utility** |  |  |  |  |  |  |  |  |  |  |
| UT1 | I can use knowledge of ML in other school  subjects. | | | | | |  |  |  |  |  |  |
| UT2 | Knowing how ML works will help me  useful things. | | | | to create | |  |  |  |  |  |  |
| UT3 | Knowing how ML works will help me  problems. | | | | solve | |  |  |  |  |  |  |

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| UT4 | I think I will need to understand ML for my  future job. |  |  |  |  |  |  |
|  | **ML anxiety** |  |  |  |  |  |  |
| MA1 | I feel anxious whenever I hear about ML |  |  |  |  |  |  |
| MA2 | I feel uneasy when I hear about ML |  |  |  |  |  |  |
| MA3 | Learning to understand all of the concepts  associated with ML makes me anxious. |  |  |  |  |  |  |
| MA4 | Learning to use specific functions of ML makes  me anxious. |  |  |  |  |  |  |