

Name:

Date:

READING COMPREHENSION

Cece and the Fairness Fiasco



Read the text. Is the sentence true (T) or false (F)?

- 1- Fairbot's results were more accurate because it used a diverse dataset. T ☐ F ☐
- 2- Incorporating fairness aware learning could prevent bias. T ☐ F ☐
- 3- Using a diverse data can help to reduce bias in AI. T ☐ F ☐
- 4- Fairbot suggested only the popular meals (pizza & chicken nugget). T ☐ F ☐
- 5- Speedy and Fairbot both recommended balanced meals. T ☐ F ☐

Make inferences about the story by answering the questions below.

What is fairness aware learning ?

How did Mrs. Smith emphasize the importance of diversity?

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1. Bias in AI occurs when?
 - A) The training data represents everyone equally
 - B) The training data does not represent everyone equally
 - C) All of the above
2. What is a diverse dataset?
 - A) A dataset that overrepresented the most popular choices
 - B) A dataset that does not consider the minority population
 - C) A dataset that properly represents the different groups within a population
3. Bias in AI can lead to?
 - A) Unfair outcomes
 - B) A happy community
 - C) Following rules and obeying laws
4. According to Mrs. Smith, fairness in AI ensure that?
 - A) Only the most popular choices win
 - B) Everyone's preferences are valued
 - C) None of the above
5. Why was Fairbot's recommendation better than Speedy's?
 - A) Speedy suggested less healthy meals
 - B) Fairbot was slower
 - C) By using a diverse dataset and avoiding bias.
6. Techniques applied to minimize bias and ensure fairness in AI is called?
 - A) Diverse dataset
 - B) Conditional Probability
 - C) Fairness-Aware Learning
7. FairBot used which technique to reduce bias?
 - A) Dataset rebalancing
 - B) Probability distributions
 - C) All of the above

