Modeling challenges

최신 제출물 성적

80%

1. You are working on a binary classification ML algorithm that detects whether a patient has a specific disease. In your dataset, 98% of the training examples (patients) don't have the disease, so the dataset is very skewed. Accuracy on both positive and negative classes is important. You read a research paper claiming to have developed a system that achieves 95% on ____ metric. What metric would give you the most confidence they've built a useful and non-trivial system? (Select one)

1 / 1점

- ○ Recall
- ○ Accuracy
- ◉ F1 score
- ○ Precision

✓ **맞습니다**

That's right! F1 score is recommended on skewed datasets, as it combines precision and recall into one metric.

2. On the previous problem above with 98% positive examples, if your algorithm is print("1") (i.e., it says everyone has the disease). Which of these statements is true?

1 / 1점

- ○ The algorithm achieves 100% precision.