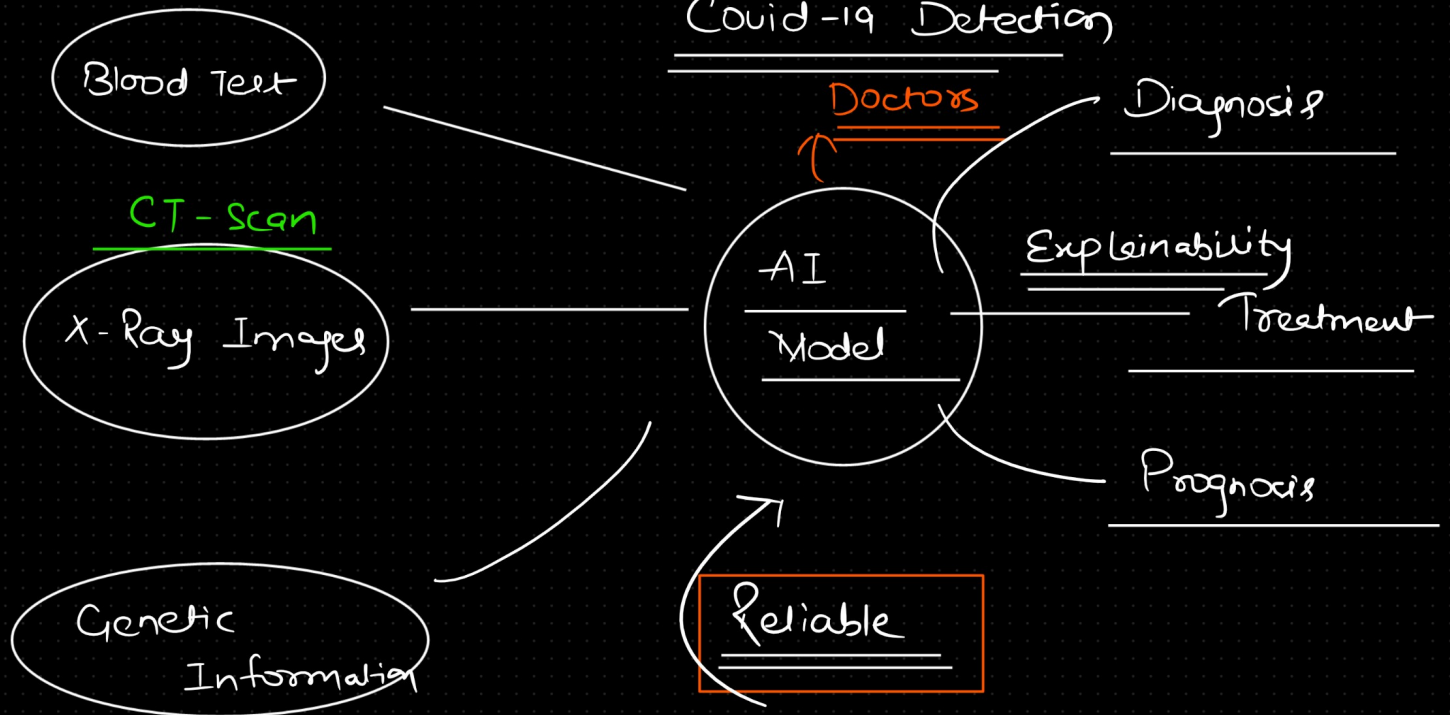


# Thinking Beyond the Models

## Cancer Detection

## Covid-19 Detection



## Radiologists

$$\text{Recall} \rightarrow \frac{TP}{TP + FN} \downarrow \downarrow \downarrow$$

↑↑ (Healthcare Domain)

Confusion Matrix

|             | Actual |    |
|-------------|--------|----|
|             | P      | N  |
| Predicted P | TP     | FP |
| Predicted N | FN     | TN |

Patient  $\rightarrow$  Cancer (Actual)  
AI Model  $\Rightarrow$  Non-Cancer (Prediction) } -FN  $\downarrow \downarrow$

Scissors  $\rightarrow$  Higher level of anxiety,  
stress,  
hypertension