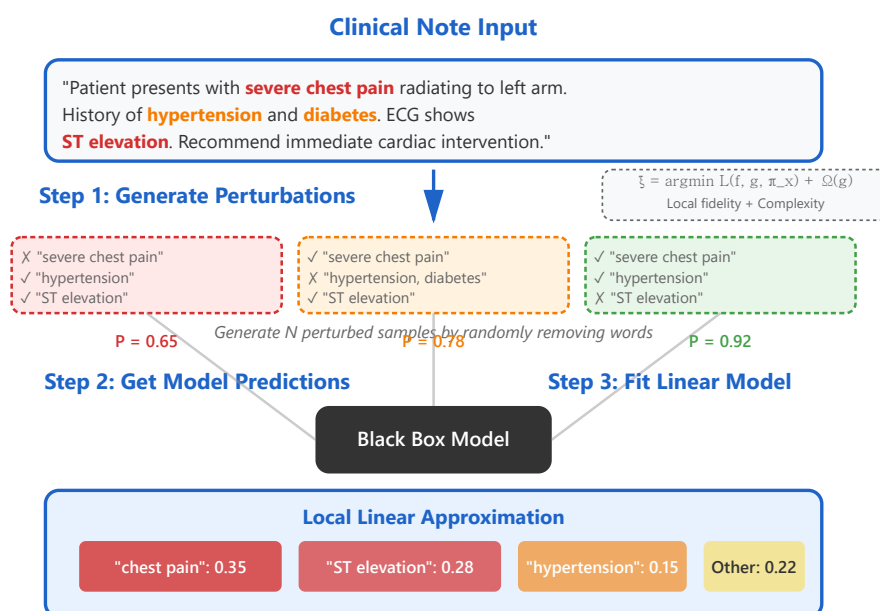


# LIME for Clinical Text



## Local Approximation

LIME explains individual predictions by approximating the black box locally

## Text Perturbation

Randomly removes words to create variations of the original text

## Feature Importance

Linear model weights reveal word importance for the prediction

## Clinical Application

Identifies key clinical terms driving diagnostic decisions