

**CLINICIAN-FRIENDLY, INTERPRETABLE COMPUTER-AIDED  
DIAGNOSIS SYSTEM TO SUPPORT AND OPTIMISE CLINICAL  
DECISION MAKING**

**PREDICT >50 STENOSIS OF THE CORONARY ARTERY USING CORONARY  
COMPUTED TOMOGRAPHY ANGIOGRAPHY (CCTA)**

Innovative platform for the development and  
adoption of reliable AI-based solutions for healthcare



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**THE STARTING PROBLEM**

Alleviate the need for  
invasive CCTA  
(which is contrast- based  
by default and has  
higher procedural time  
and radiation dose)

**THE PILOT SOLUTION**


AI based software that  
predicts stenosis >  
50% in patients with  
suspected CAD  
using Demographic  
and lab data.



**IMPORTING  
PATIENTS DATA**



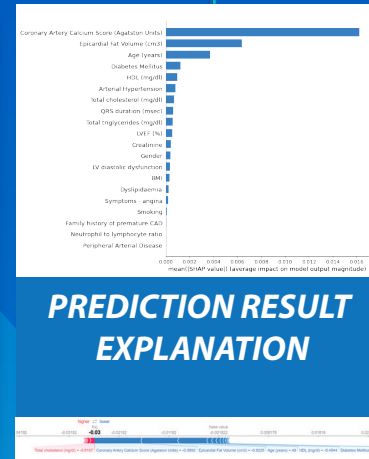
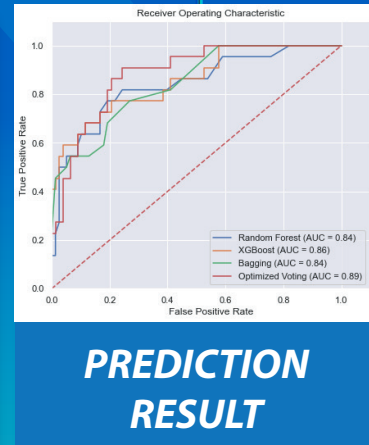
**USER REQUEST  
FOR PREDICTION**



**USER REQUEST  
FOR PREDICTION  
EXPLANATION**



**VIEW ENTRIES**



**RESULTS AND  
IMPROVEMENTS**

Significant chance  
that patient and  
avoids invasives ccta  
examination