HOSMARTAI
AI for the smart hospital of the future

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

PREDICT ADVERSE EFFECTS, MAINLY PRETERM BIRTH, FROM OBSTETRICS DATA

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

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THE STARTING PROBLEM
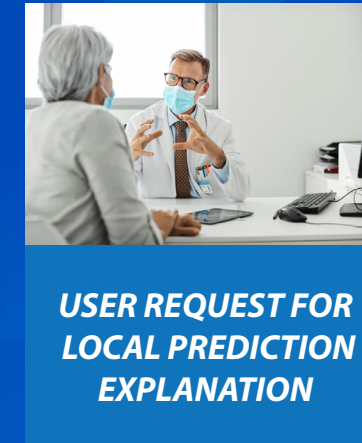
Reduce the risk of Pre term birth

THE PILOT SOLUTION

Ai based software that predicts PTB within clinically significant timeframe and provides explanation

IMPORTING PREGNANCY DATA

1

VIEW ENTRIES

USER REQUEST FOR GLOBAL MODEL EXPLANATIONGRAPH

2

PREDICTION RESULT

USER REQUEST FOR LOCAL PREDICTION EXPLANATION

3

PREDICTION RESULT EXPLANATION

RESULTS AND IMPROVEMENTS

Accurate PTB prediction with Explainable results