

Utilisation du machine learning pour
prédire le risque de mortalité
maternelle.

Contexte

Int. J. Exp. Res. Rev., Vol. 32: 145-159 (2023)

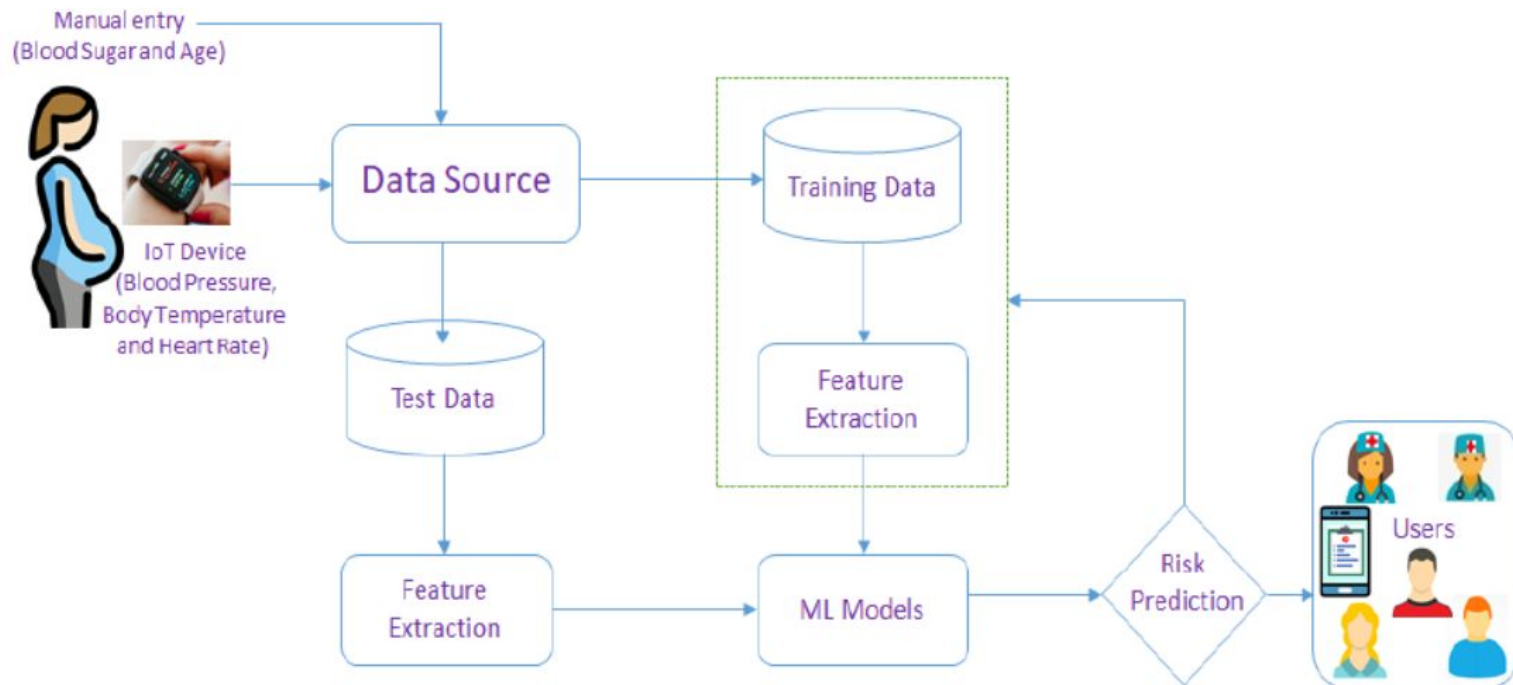


Figure 1. IoT-based automated smart maternal health risks monitoring system: based on machine learning

Contexte

Variables Table

Variable Name	Role	Type	Demographic	Description	Units	Missing Values
Age	Feature	Integer	Age	Any ages in years when a women during pregnant.		no
SystolicBP	Feature	Integer		Upper value of Blood Pressure in mmHg, another significant attribute during pregnancy.		no
DiastolicBP	Feature	Integer		Lower value of Blood Pressure in mmHg, another significant attribute during pregnancy.		no
BS	Feature	Integer		Blood glucose levels is in terms of a molar concentration	mmol/L	no
BodyTemp	Feature	Integer			F	no
HeartRate	Feature	Integer		A normal resting heart rate	bpm	no
RiskLevel	Target	Categorical		Predicted Risk Intensity Level during pregnancy considering the previous attribute.		no

Implémentation modèle et test de performance

lien vers l'appli shiny