Safe Mom

Afya ya Mama, Afya ya Mtoto

Preeclampsia, accounts for 20% of maternal mortality in Kenya.

Potential User.
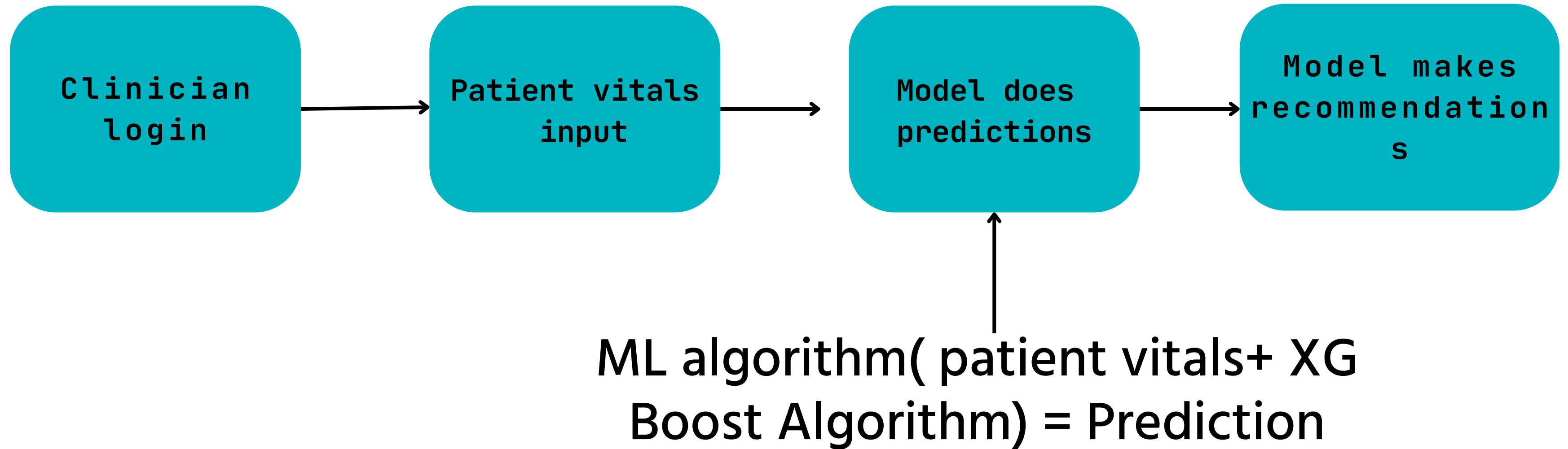

Interviewing Clinician at Bondeni Subcounty Hospital.

Proposed Approach

A predictive Machine Learning model that determines the likelihood of a pregnant mother developing pre-eclampsia.

Proposed Solution

```
Clinician      →    Patient vitals    →    Model does      →    Model makes
login               input                  predictions          recommendation
                                                                 s
```

ML algorithm(patient vitals+ XG
Boost Algorithm) = Prediction

Potential Benefit

Identifying pregnant women likely to get pre-eclampsia before the eighth week.

Responsible Computing

Inclusion
Accountability
Accesibility
Biasness
Cultural Sensitivity
Privacy and Security

Team

Sebastian Chanzu

Data Analyst, Software Developer.

Denish Awajo

Data Scientist, Entreprise Design practioner.

Eddah Chepchirchir

Data Scientist, Public health ML & AI researcher

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