

# Our Solution

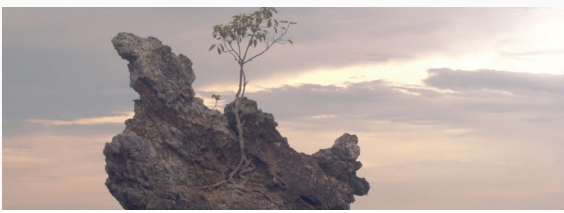
An app which provide



- The tool analyses the recommendation from the doctor and gives bias check
- If this doctor got a "bias warning" in which he needs to either gone through a peer-review or an survey



- Survey - Peer-reviewed &
- Audit / Audit trail
- > Re-invite the patients
- Investigation
- GP-Survey tools



**Fighting the subconscious biases that lead to health care disparities**

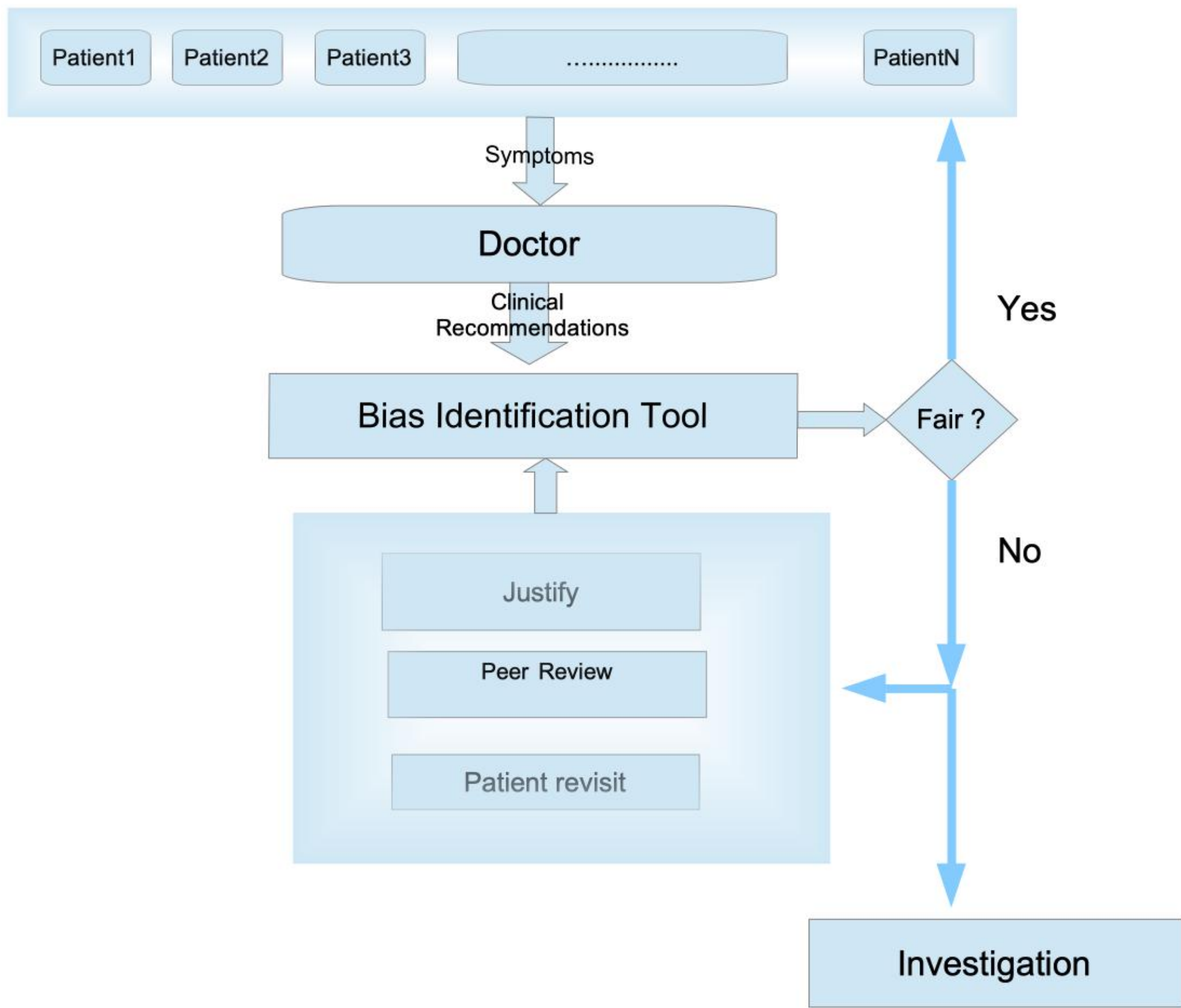
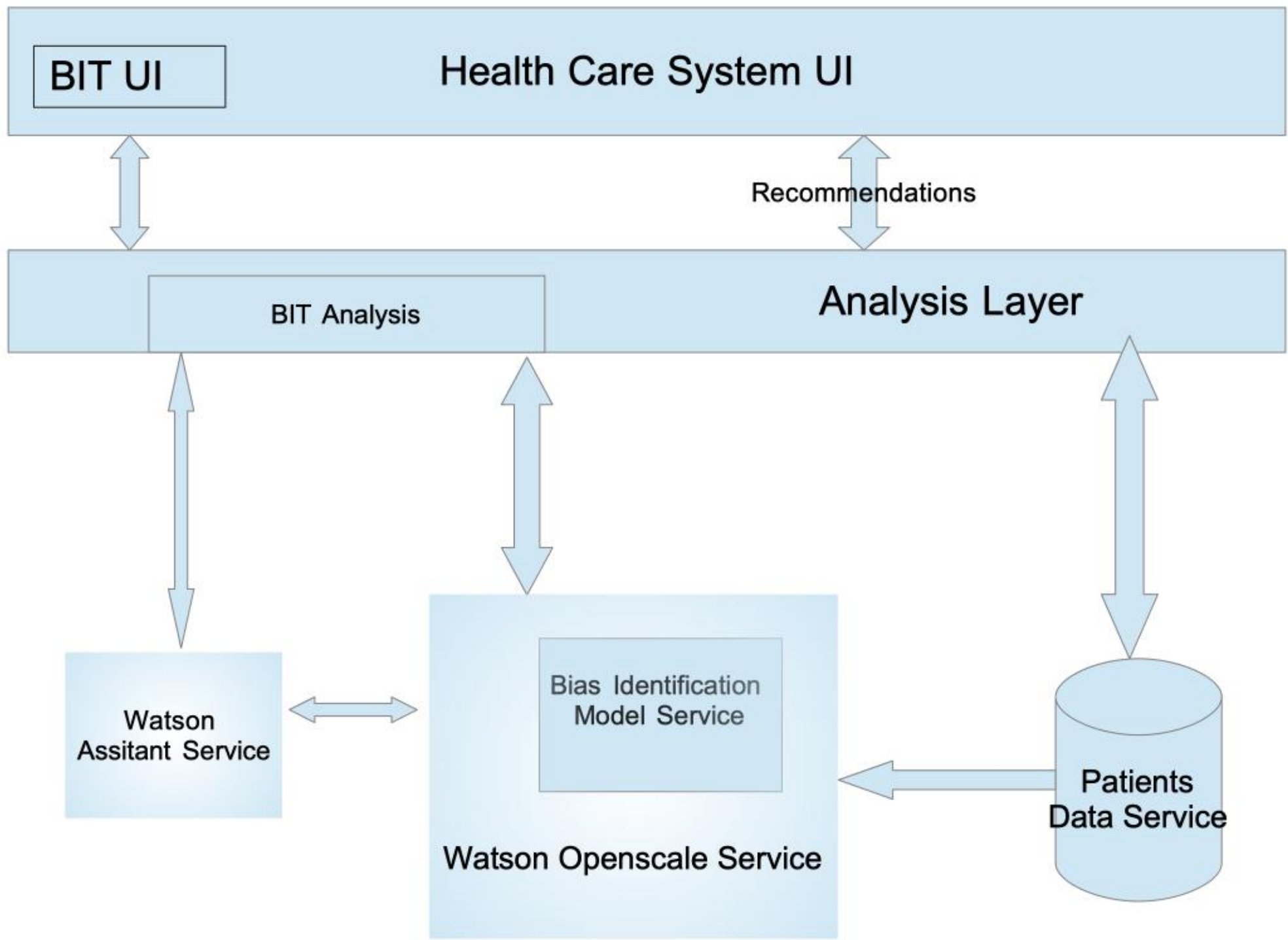
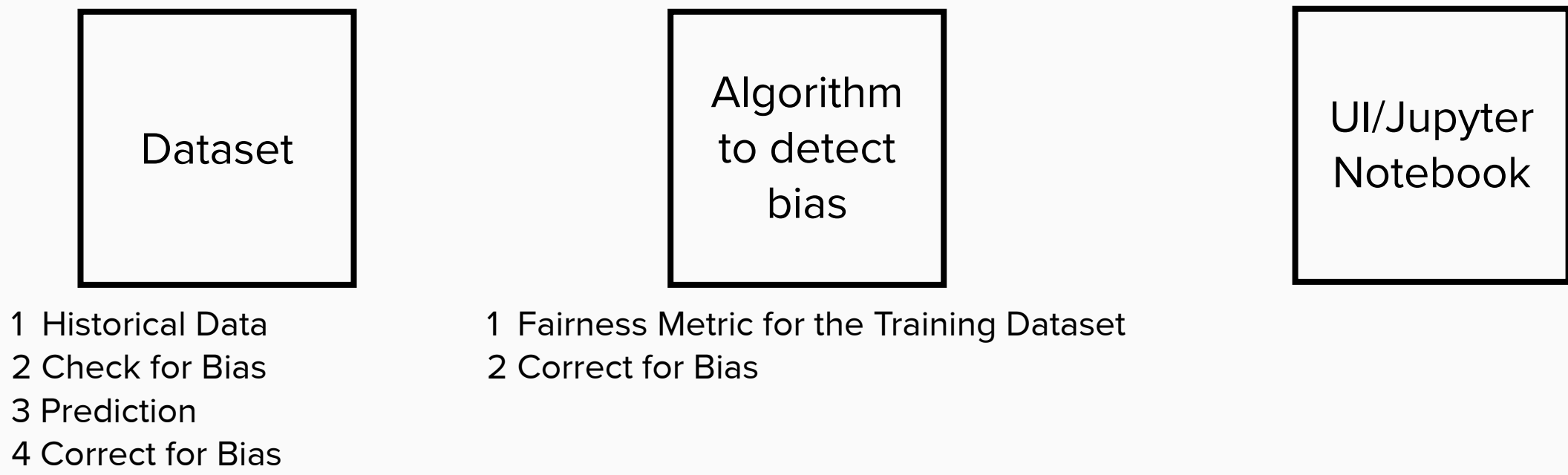
Growing up in rural Alabama at a time of segregated waiting rooms and physicians who refused to touch black patients, Ron Wyatt, MD, MHA, ACP Member, saw health care disparities firsthand. "And frankly, I had never met a black physician," he said. Dr. Wyatt recalled a close family member-a poor ...

# Implementation Steps:

Diversity Representation Challenge 3:  
4. A doctor can identify their bias and discrepancies in clinical recommendations for Black patients without manual comparison of patients' notes.

- Idea: Bias Barometers/ Report on doctor's clinical recommendations:
- Focusing on general practitioners (GP)
  - This report will be used by employers ie: NHS , Trust
  - Dataset is on heart-disease
  - In case of UK and NL, GP is responsible for specific geographic area therefore sorting effect
  - Bias includes race, gender , drug addiction history, age, languages/communication , clinical diagnostic period/follow-up (how much time do they spend with this patient), ailments (dataset features)
  - Target: doctor recommendation : heart disease

<https://webarchive.nationalarchives.gov.uk/20161026161742/http://content.digital.nhs.uk/h3ma>



# Bias Identification Tools

The BIT identifies if a clinical recommendation is fair or unfair using the historical clinical records. The historical data is used to find out the difference in mean outcomes between unprivileged and privileged groups. If a new recommendation increase this difference, it is identified as unfair. If it decrease the difference it is a fair recommendation.

# Questions

Links to AutoAI and Openscale  
Can it be used as an app by patient can to figure out if their doctor recommendation is unbiased.