

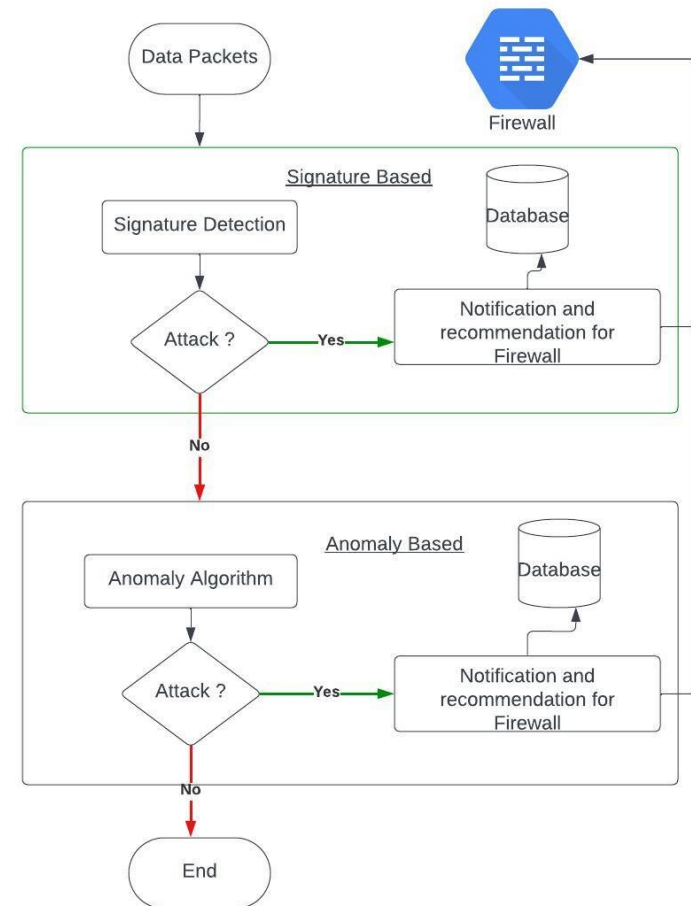
Design Phase II

Dataflow Diagram

Data Flow

IDS consists of 2 layers of detection:

- Signature Based
- Anomaly Based
- A copy of Data packets are inspected with predefined rules and policies. If an attack is detected, it is notified and recommendation is sent to firewall. If there are no attacks detected, the packets are moved to anomaly detection site.
- This section is trained using AI, and if it finds any anomaly, it is notified and a recommendation is sent to the Firewall. Else the testing ends.



IDS Integrated in a Network

