ANALYTICS FOR HOSPITAL'S HEALTH-CARE DATA

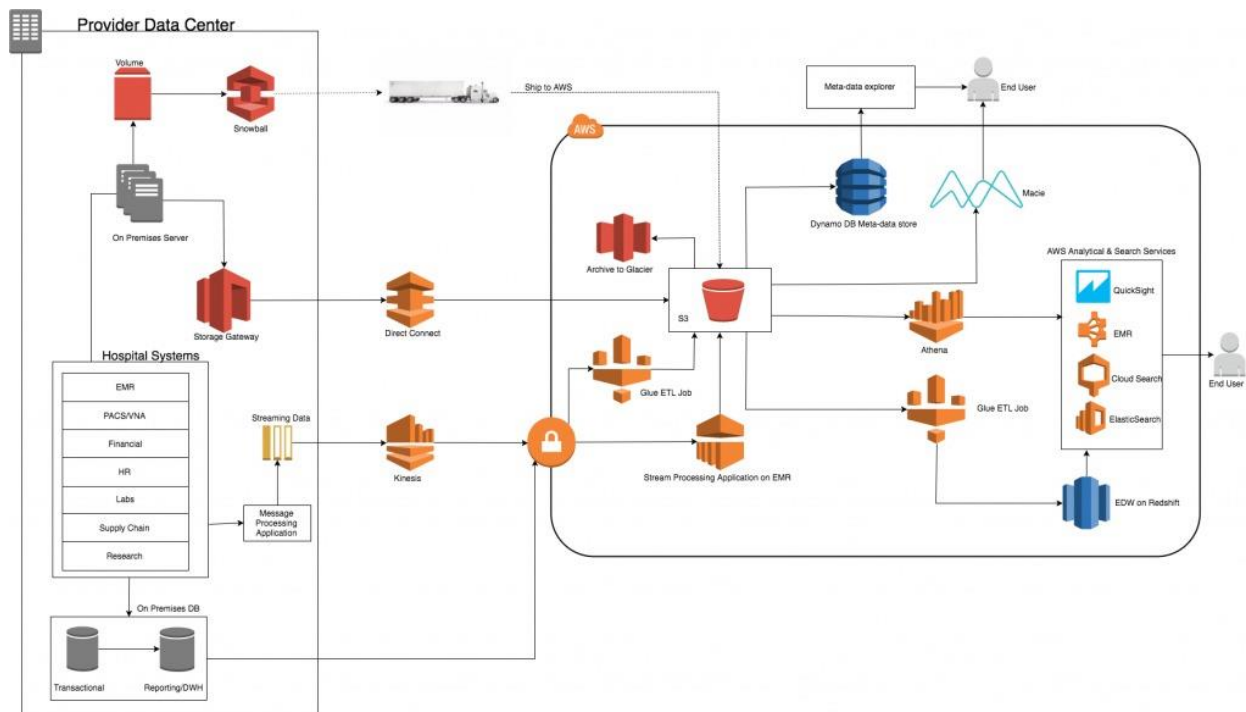## PROJECT DESIGN PHASE -II

Technology Architecture

DATE	17 October 2022
TEAM ID	PNT2022TMID37727
PROJECT NAME	Analytics for Hospitals' Health-care data
MARKS	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2.

Example: Analytics for hospital's health care data

Guidelines:

- Harmonizing healthcare-specific data types.

- Developing portable cohort definitions, clinical measurement. definitions, and dashboards.

- Providing relevant datasets for integration into your analytics.

- Secure sharing of aggregated data subsets with others.

Table-1 : Components & Technologies:

S.NO	Components	Description	Technology
1	User Interface	Dashboard	Python
2	Database	Patients Medical History	MySQL
3	Cloud Database	Database Service on Cloud	IBM Cloud
4	File Storage	File Storage requirements	Local file system

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1	Open-Source Frameworks	IBM Watson with Cognos Analytics	IBM Watson
2	Availability	Hospital Healthcare Data Analytics	IBM Cloud
3	Performance	IBMCognos Analytics with Watson	IBM Cloud