**Data Analytics Engineer**

\* Assume that system alreadys has Departments, Patients, Doctors, Visit history, Inpatient admission and discharge history

+ Come up with following analytics

> Seasonal analytics of patient visits and patient admissions (or Room occupancies) across years

> Allow user to enter past events that have a bearing or influence in the pattern of visit history or inpatient admissions

> Drill down through multiple dimensions. Either of => time line (from year to month to date), departments, disease classification,

> Predictive analytics wherein Event Processing system can take events as input along with other parameters and predict in-patient and out-patient for the near future or related timeline based on the event time.