**Estimation and Prediction of Hospitalization and Medical Care Costs**

**Third-Party API’s:**

Picture an ideal healthcare environment where fitness trackers, patient apps, hospital systems, pharmacy software, and lab tools effortlessly exchange data. In this imagined world, any concerned party from patient to physician to medical researcher can instantly access corresponding files via smartphones.

But reality looks quite different. Over 90 percent of US patients from all 50 states complain about the lack of data sharing, with 67 percent planning to change care providers because of it. What’s even more surprising is that faxes and phone calls remain the communication means of choice in health departments across the country that invented the Internet.

To address this problem, interoperability rules were introduced in 2020. Aiming at seamless data transmission in the medical domain, they are expected to put a lid on using archaic devices. Instead of fax machines, healthcare stakeholders will primarily rely on application programming interfaces or APIs.

* EHR APIs,
* consolidated APIs to access patient data,
* clinical data management and analytics APIs,
* public health content APIs,
* drug data and drug interaction checking APIs,
* symptom checker APIs. and
* telehealth APIs.