

BuddhiMed Technologies

Merging Computer Science with Modern Medicine

Dr. Ajay Bakshi – Co-Founder & CEO ICMR-NICF SYMPOSIUM ON AI FOR HEALTH November 12th 2019

Al needs LOTS of data





EXPERT OPINION

Contact Editor: Brian Brannon, bbrannon@computer.org

The Unreasonable Effectiveness of Data

Alon Halevy, Peter Norvig, and Fernando Pereira, Google

"But invariably, simple models and a lot of data trump more elaborate models with less data"

"Now go out and gather some data, and see what it can do!"

Alon Halevy is a research scientist at Google. Contact him at halevy@google.com.

Peter Norvig is a research director at Google. Contact him at pnorvig@google.com.

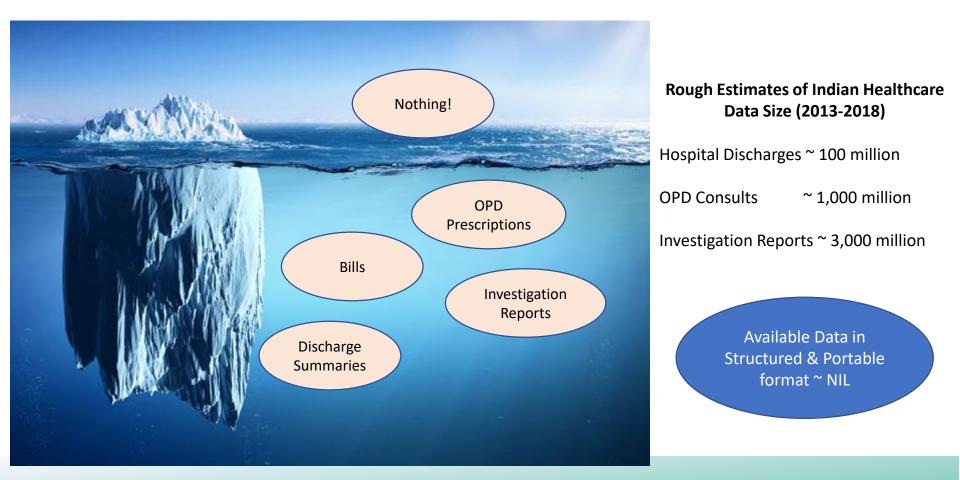
Fernando Pereira is a research director at Google. Contact him at pereira@google.com.

IEEE INTELLIGENT SYSTEMS

Indian Healthcare is drowning in 'dark' data



Dark data is data which is acquired through various computer network operations but not used in any manner to derive insights or for decision making...**Wikipedia**



Introductions



"BuddhiMed develops Machine learning solutions and analytics tools using very large sets of Indian healthcare data to improve decision making in clinical medicine and healthcare delivery systems"



Dr. Ajay Bakshi: CoFounder & CEO

Dr. Bakshi is a veteran of the healthcare industry having been a neurosurgeon (from AIIMS), a neuroscientist (@Drexel University, a McKinsey consultant and former CEO of Max Healthcare, Manipal Hospitals & Parkway Healthcare India.

Deeply passionate about applying technology to streamline delivery of healthcare services and to improve decision making in clinical medicine



Dr. Rohit Gupta: CoFounder & Chief Al Officer

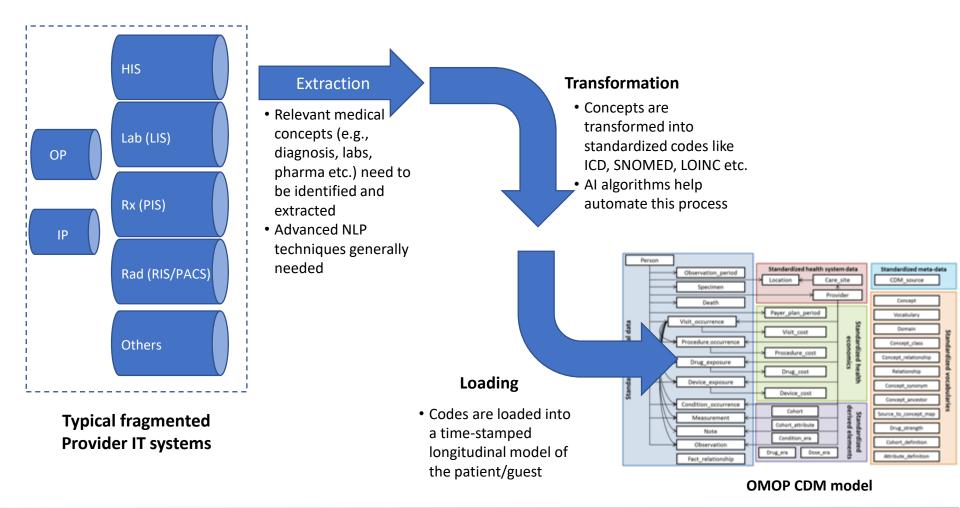
Dr. Gupta is a Ph.D. in Computer Science with deep interest and experience in applying data mining, machine learning and big data analytics to many novel scientific and commercial applications, with recent focus on healthcare, medicine, genomics and drug discovery research.

Also Adjunct Faculty at IIT-Madras and IIIT-Delhi. Ex-Mayo Clinic, Genentech, Strand Life Sciences and MedGenome

Team of 9 Data Scientists, Data Engineers, UI/UX experts – growing rapidly!

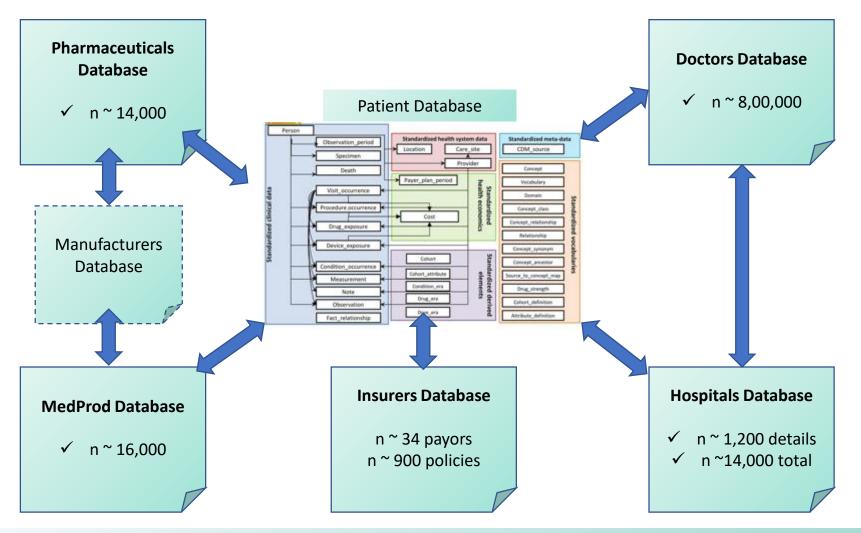
BuddhiMed is bringing this 'dark data' to light





BuddhiMed is also building a comprehensive database of the health ecosystem

BuddhiMed Technologies



Research focused use cases of BuddhiMed's Indian Health Data Digital Ecosystem





Health Economics

- Growth & usage of Health Insurance in India
- Consumption models
- Cost models
- Geographic variations
- Policy impact e.g., price controls

 Medical Practice patterns – usage of best practices

Medical Research

- Outcomes analysis
- Similarity algorithms
- Predictive trajectories & interventions

Real World Evidence

 Comparative Effectiveness studies of various drugs & medical products

We invite collaborations & partnerships ajay@buddhimed.com