



The Role of Health informatics in AI

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Introduction

Informatics is about computability

Informatics enables interoperability

Healthcare has unique, granular, domain specific, vocabularies

**We need standardized Terminology, Categorical structures,
Comprehensive Taxonomies all that stuff Wael mentioned**



Data Normalization

Normally, the data are normalized before being shared or reused.

This is the core purpose of informatics.

**Data normalization is complex, difficult and expensive;
and not always extensible**



Personal Aspiration

I'd like to think that artificial intelligence, being the compute part of the capability, would help create inference and causality without the data being normalized up front

Golden Use Case of employing “Real World” Data such as the EHR

Standards allow harmonization up-front, rather than after the fact

We shall see

Either way, Hi has a role.



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When it is, however, information collected in one domain can be reused in another leveraging our efforts.

Our interest in AI is to ensure that we leverage the work of everybody else

That is why we are working with JTC-1

They are addressing AI horizontally from an Ecosystem perspective across all domains

We are looking at it vertically addressing the special needs and complexity of Healthcare as an exemplar.



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We are a tool, not a solution

Our Goal is to ensure leverage and lessons learned

Thank you

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