

Learner Guides

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2. [Reliability and backing up](#)
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4. [Standards](#)

Binary and data representation

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Hardware

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Software

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Networks

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Databases

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Programming

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Informatics - Industry

Healthcare

Over the past decade the increased usage of electronic health records has produced vast amounts of clinical data that is now computable. Predictive informatics integrates this data with other datasets (e.g., genotypic, phenotypic) in centralized and standardized data repositories upon which predictive analytics may be conducted.

Clinical

Pharmaceuticals

The biopharmaceutical industry uses predictive informatics (a superset of chemoinformatics) to integrate information resources to transform data into knowledge in order to make better decisions faster in the area of drug lead identification and optimization.

Systems biology

Scientists involved in systems biology employ predictive informatics to integrate complex data about the interactions in biological systems from diverse experimental sources.

Financial Informatics

Insurance

Telematics

Retail

Travel industries