

CASE STUDIES: Knowledge Curation

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Biomedical landscape: Multi-Omics Data



Biomedical landscape: AI for Better Data

CUTTING-EDGE AI FOR BETTER NOVEL RESEARCH USECASES WITH BETTER DATA DATA AT SCALE **Consumer Genomics/Ancestry** 140 With millions of genotyped customers looking for Algorithm to identify NER and analysis of their genomic data directly, fast & Relationship relevant entities in unstructured text Extraction accurate curation is a MUST Microbiome Curation of human gut microbiome and cross-Ambiguity Normalized with datasets (serological markers, food consumption Resolution reference to ontologies data etc) for clinical markers **Decentralised Clinical Trials** DCT will be centre-stage with more improved AI models with LLMs to Semantic data from wearables and biosensors curated Contextual enrich relationships with contextual data Enrichment accurately with speed and precision Consumer Health Individual health & nutrition support with data Identify causal Causality curated from sequencing coupled with ethnicity, Confidence relationships with Generation directionality age, education, biochemical parameters and more