Category

Data & AI

Data Literacy for Healthcare Clinicians & Care Pathway Design Playbook

Using population health data to redesign care pathways without losing sight of the individual patient

- Practitioner
- Intermediate
- Template Included

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- 4 minute(s)

Overview

A framework for building data literacy specifically for clinicians involved in care pathway design — population-level versus individual-patient data reasoning, evidence quality assessment, and appropriate skepticism toward pathway-level metrics that might not reflect genuine patient outcomes.

How is care pathway design data literacy different from general

clinical data literacy already covered elsewhere in this series? The existing Data Literacy in Healthcare Settings playbook covers clinical and administrative data literacy broadly. This one focuses specifically on the distinct reasoning required for designing population-level care pathways — balancing aggregate evidence with individual patient variation in a way that shapes standardized care protocols.

What's the biggest data literacy risk specifically in care pathway

design? Over-standardizing based on population-level evidence without adequate mechanism for individual patient exceptions — a pathway optimized for population-level outcomes can still produce poor outcomes for patients whose circumstances genuinely differ from the population the evidence was drawn from.

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