

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

- Mithun A. Sridharan
- 22 September 2018
- 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.

```
{ "@context": "https://schema.org", "@type": "FAQPage", "mainEntity": [ { "@type": "Question", "name": "How is care pathway design data literacy different from general", "acceptedAnswer": { "@type": "Answer", "text": "clinical data literacy already covered elsewhere in this series?\n\nThe 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." } }, { "@type": "Question", "name": "What's the biggest data literacy risk specifically in care pathway", "acceptedAnswer": { "@type": "Answer", "text": "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." } }] }

Subscriber access

Unlock this playbook

This playbook — including every framework, template, and step-by-step section — is available free to Think Insights subscribers. Enter your email to unlock it instantly and get our weekly insights newsletter. No account needed, and access is remembered on this device.

First Name

Last Name

Email

Country

I agree to data processing in accordance with GDPR

Leave this field blank

References

Related playbooks

Data & AI

Data Literacy for Education Leaders & School Administration Playbook

A framework for building data literacy within education leadership and school administration
— cohort comparison rigor, distinguishing program effects from demo

- Practitioner

- Intermediate
- Template Included

[Read playbook](#)

Data & AI

Data Literacy for Energy & Utilities Operations and Planning Playbook

A framework for building data literacy within energy and utilities operations and planning teams — demand forecasting critical reading, understanding forecast u

- Practitioner
- Intermediate
- Template Included

[Read playbook](#)

Data & AI

Data Literacy for Agriculture & Food Supply Chains Playbook

A framework for building data literacy within agriculture and food supply chain teams — weather and seasonal confounding awareness, yield variability interpreta

- Practitioner
- Intermediate
- Template Included

[Read playbook](#)

Talk to us about clinical care pathway data literacy

Tags

- Data Literacy
- Healthcare
- Care Pathway Design

Author

Mithun A. Sridharan

I'm Mithun A. Sridharan, Founder of this website - Think Insights - on Strategy, Management Consulting, Leadership, Digital Transformation, and Data Literacy. Follow me on social media or connect with me on LinkedIn for updates.