



04 / 30 / 2025

*Good Decisions Webinar:*

# AI Nutrition Labels in Action

How ModelOp Operationalizes Model Cards

Dave Trier, VP Product, ModelOp  
Amanpreet Kaur Ph.D., Implementation Engineer, ModelOp  
Jay Combs, VP Marketing, ModelOp



# AI Nutrition Labels in Action

- 1 Welcome
- 2 Why Model Cards?
- 3 Model Cards 101
- 4 Best Practices
- 5 Model Card Demo with ModelOp
- 6 Closing

Consistent, easy to understand documentation provides critical information for decision-making

# Nutrition Labels Changed Our Approach to Food Choices – AI Needs the Same

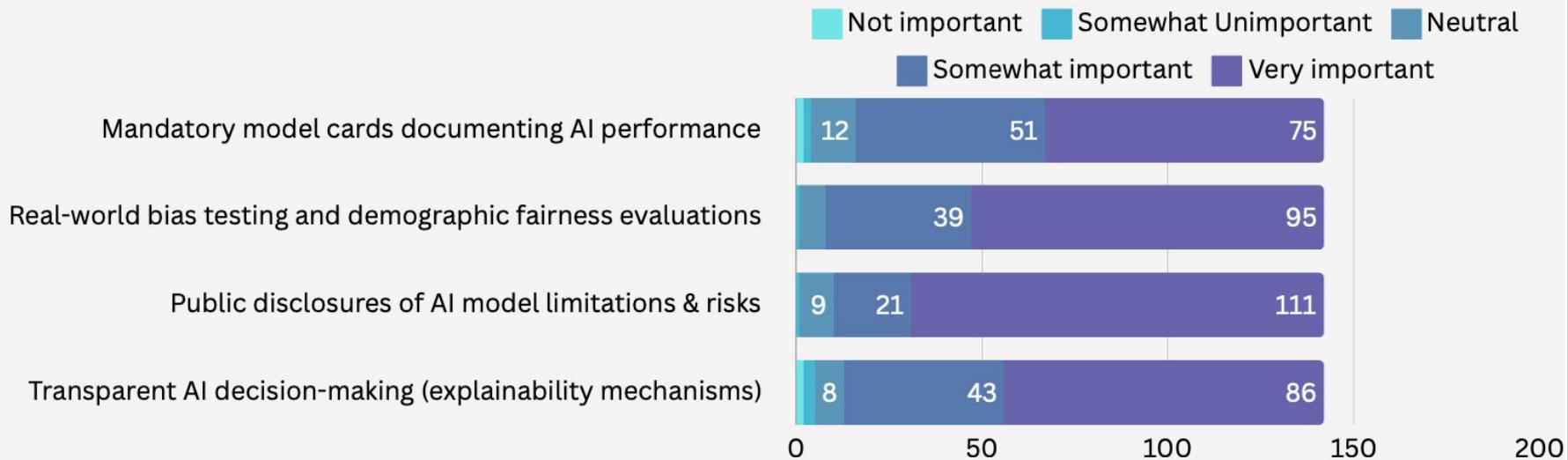
<b>Nutrition Facts</b>	
8 servings per container	
<b>Serving size</b>	<b>2/3 cup (55g)</b>
<b>Amount per serving</b>	
<b>Calories</b>	<b>230</b>
% Daily Value*	
<b>Total Fat</b> 8g	<b>10%</b>
Saturated Fat 1g	<b>5%</b>
<i>Trans</i> Fat 0g	
<b>Cholesterol</b> 0mg	<b>0%</b>
<b>Sodium</b> 160mg	<b>7%</b>
<b>Total Carbohydrate</b> 37g	<b>13%</b>
Dietary Fiber 4g	<b>14%</b>
Total Sugars 12g	
Includes 10g Added Sugars	<b>20%</b>
<b>Protein</b> 3g	
Vitamin D 2mcg	10%
Calcium 260mg	20%
Iron 8mg	45%
Potassium 240mg	6%
<small>* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.</small>	

Applied Model Card Template		
<b>Name:</b>	<b>Inquires or to report an issue:</b>	
<b>Developer:</b>	abc@abc.com or +1 (999) 999- 9999	
<b>Release Stage:</b>	<b>Release Date:</b>	<b>Version:</b>
<b>Global Availability:</b>	<b>Regulatory Approval, If applicable:</b>	
<b>Summary:</b>	<b>Uses and Directions:</b>	
<b>Keywords:</b>	<ul style="list-style-type: none"> <li>Intended use and workflow:</li> <li>Primary intended users:</li> <li>How to use:</li> <li>Targeted patient population:</li> <li>Cautioned out-of-scope settings and use cases:</li> </ul>	
<b>Warnings</b>		
<ul style="list-style-type: none"> <li>Known risks and limitations:</li> <li>Known biases or ethical considerations:</li> <li>Clinical risk level:</li> </ul>		
<b>Trust Ingredients</b>		
<b>AI System Facts:</b>		
<ul style="list-style-type: none"> <li>Outcome(s) and output(s):</li> <li>Model type:</li> <li>Foundation models used in application, if applicable:</li> <li>Input data source:</li> <li>Output/Input data type:</li> <li>Development data characterization:</li> <li>Bias mitigation approaches:</li> <li>Ongoing Maintenance:</li> <li>Security and compliance environment practices or accreditations, if applicable:</li> <li>Transparency, Intelligibility, and Accountability mechanisms, if applicable:</li> </ul>		
<b>Transparency Information:</b>		
<ul style="list-style-type: none"> <li>Funding source of the technical implementation:</li> <li>3rd Party Information, if Applicable:</li> <li>Stakeholders consulted during design of intervention (e.g. patients, providers):</li> </ul>		
<b>Key Metrics</b>		
Usefulness, Usability, and Efficacy	Fairness and Equity	Safety and Reliability
<b>Goal of metric(s):</b>	<b>Goal of metric(s):</b>	<b>Goal of metric(s):</b>
<b>Result:</b>	<b>Result:</b>	<b>Result:</b>
<b>Interpretation:</b>	<b>Interpretation:</b>	<b>Interpretation:</b>
<b>Test Type:</b>	<b>Test Type:</b>	<b>Test Type:</b>
<b>Testing Data Description:</b>	<b>Testing Data Description:</b>	<b>Testing Data Description:</b>
<b>Validation Process and Justification:</b>	<b>Validation Process and Justification:</b>	<b>Validation Process and Justification:</b>

AI documentation and transparency are *not* optional

90%+ of CHAI members rate transparency as very important for AI adoption

### How important are the following AI transparency measures?



Source: Coalition for Health AI (CHAI), [AI Action Plan Insights, March 2025](#)

# What is a Model Card?

Applied Model Card Template					
Name: Developer:		Inquires or to report an issue: <a href="mailto:abc@abc.com">abc@abc.com</a> or +1 (999) 999- 9999			
Release Stage: Global Availability:		Release Date: Regulatory Approval, if applicable:		Version:	
Summary:		Uses and Directions:			
Keywords:		<ul style="list-style-type: none"> <li>Intended use and workflow:</li> <li>Primary intended users:</li> <li>How to use:</li> <li>Targeted patient population:</li> <li>Cautioned out-of-scope settings and use cases:</li> </ul>			
<b>Warnings</b>					
<ul style="list-style-type: none"> <li>Known risks and limitations:</li> <li>Known biases or ethical considerations:</li> <li>Clinical risk level:</li> </ul>					
<b>Trust Ingredients</b>					
AI System Facts:					
<ul style="list-style-type: none"> <li>Outcome(s) and output(s):</li> <li>Model type:</li> <li>Foundation models used in application, if applicable:</li> <li>Input data source:</li> <li>Output/Input data type:</li> <li>Development data characterization:</li> <li>Bias mitigation approaches:</li> <li>Ongoing Maintenance:</li> <li>Security and compliance environment practices or accreditations, if applicable:</li> <li>Transparency, Intelligibility, and Accountability mechanisms, if applicable:</li> </ul>					
Transparency Information:					
<ul style="list-style-type: none"> <li>Funding source of the technical implementation:</li> <li>3rd Party Information, if Applicable:</li> <li>Stakeholders consulted during design of intervention (e.g. patients, providers):</li> </ul>					
<b>Key Metrics</b>					
Usefulness, Usability, and Efficacy		Fairness and Equity		Safety and Reliability	
Goal of metric(s):		Goal of metric(s):		Goal of metric(s):	
Result:	Interpretation:	Result:	Interpretation:	Result:	Interpretation:
Test Type:		Test Type:		Test Type:	
Testing Data Description:		Testing Data Description:		Testing Data Description:	
Validation Process and Justification:		Validation Process and Justification:		Validation Process and Justification:	

Overview

Bias and risk warnings

Data summary

Intended use

Metadata

Security & maintenance

Metrics

(Performance, Fairness, Safety, Reliability, etc.)

Connect technical detail to executive action

# Who benefits from Model Cards?

## Solution Owners and Developers

- Enable others to use and trust the AI solutions / models
- Consistently and easily share AI solutions / models
- Enable collaboration and research
- Track critical information
- Automate documentation

## Executives / LOB / Compliance

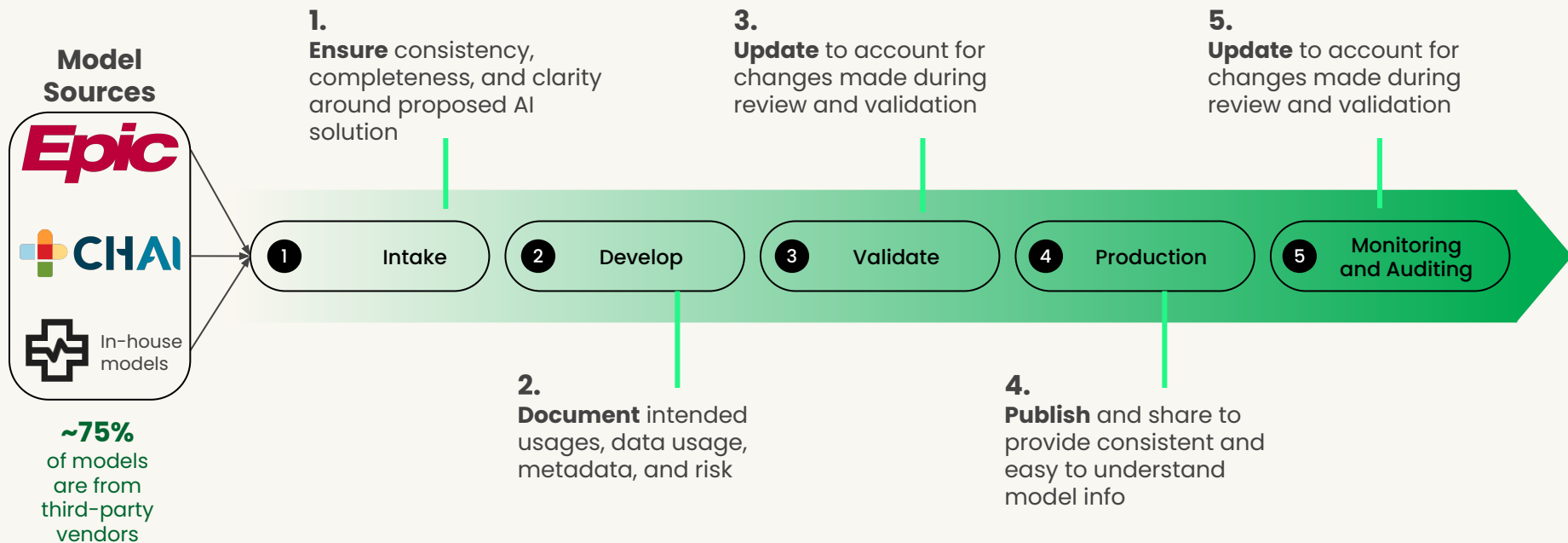
- Provide visibility into where AI is being used, the purpose, limitations, and restrictions
- Understand risks, fairness, reliability
- Understand data usage & IP restrictions
- Quickly respond to audits
- Enhance governance

## Users (e.g. Healthcare Professionals), Patients, Consumers

- Provide clear understanding of the intended usage, risks, and limitations of an AI solution
- Increase transparency
- Instill trust
- Improve safe usage of AI
- Foster innovation, collaboration and research

A Model Card is a critical component of the *entire* model lifecycle – not just the production phase

# How and when to use a Model Card



Learn more about CHAI's central model card repository [here](#)



# Create a model card in seconds with ModelOp

1. Orchestrate the AI Intake process
2. Associate the data and other metadata
3. Generate model cards on demand (“10 seconds to create”)
4. Iterate on model cards throughout review process
5. Scale to thousands of models

Model Cards alone aren't enough

ModelOp provides the automation to create and manage models at scale

### Model Cards **WITHOUT** ModelOp

**Static docs that require manual updates**

✗ Time-consuming documentation

✗ Version control challenges

✗ One size fits all format

✗ Innovation and collaboration friction

### Model Cards **WITH** ModelOp

**Dynamic and automated documentation**

✓ Automated documentation

✓ Streamlined creation and versioning

✓ Extensible formats and info

✓ Accelerate and scale innovation and collaboration



Accelerating AI innovation  
at scale & mitigating risk

✓ Faster time to market

✓ Operationalize AI at scale

✓ A single source of truth



## Next Steps

1. Discuss your model lifecycle needs with our experts - [sales@modelop.com](mailto:sales@modelop.com)
2. **Book a Model Card demo - [modelop.com](https://modelop.com)**
3. Register for our May webinar



# Thank you

**Get in touch**

sales@modelop.com  
modelop.com