

# Dimensions Worksheet

Participatory activities for purposeful, transparent,  
and people-centric dataset documentation

[pair-code.github.io/datacardsplaybook](https://pair-code.github.io/datacardsplaybook) ↗

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02 INSPECT • ACTIVITY

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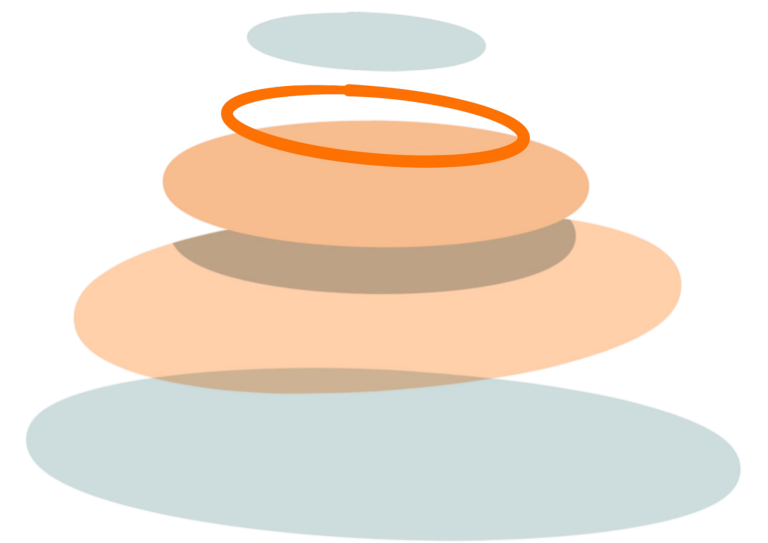
# Dimension Worksheet

# Prerequisites checklist

## BEFORE YOU BEGIN

—

- Read through the Dimensions Guide
- Update agent proficiency in the Agents Brainstorm tab in the Activity Tracker
- Have your Data Card or Template ready to inspect



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# Available vs. required proficiency

- ▶ **Required data fluency and domain expertise**  
are estimations of how much proficiency is required to successfully make assessments about dimensions
- ▶ **Available data fluency and domain expertise**  
are estimations of how much proficiency we assume agents possess

## DATA FLUENCY

—  
is the familiarity and comfort that agents have with data, either in or outside of their domain of expertise.

## DOMAIN EXPERTISE

—  
implies knowledge and understanding of the essential aspects of a specific field of inquiry, in the domain of the dataset.

# Dimensions Worksheet

See how your Data Card might help agents come to acceptable conclusions about different aspects of a dataset.

Evaluate your Data Card template with the five Dimensions and identify where and how your Data Card could do better.



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# Evaluate your Data Card with the Dimensions Worksheet

**Step 1:** As a group, review the Dimensions definitions

**Step 2:** Fill out the Dimensions Worksheet, discussing the prompts

**Step 3:** Take note of action items, improvements strategies, and refinements

**Step 4:** Transfer your final Dimensions and Proficiency Ratings to the Input Dimensions Worksheet tab in your tracker

These ratings will be carried forward in the Calculators.

Dimension Name:

Write the name of the dimension here

Overall Dimension Rating\*

Poor / Borderline / Average/ Solid/ Outstanding

Proficiency Ratings

How much fluency and expertise might be needed to arrive at an informed conclusion about this Dimension from the Data Card?

Required Data Fluency\*

1

2

3

4

5

No FluencyExpert Fluency

Required Domain Expertise

1

2

3

4

5

No ExpertiseDomain Expert

—

\* Update in Activity Tracker

Rationale

Discuss and provide a rationale for how well this Dimension might be supported and why?

Write Rationale

Evidence

What questions or sections in the Data Card draft support this Dimension and how?

Add Evidence

Action Items

What steps must be taken to refine the Data Card?

Add Action Items

# 1/5: Evaluate your Data Card for Accountability

## Rationale

Discuss and provide a rationale for how well this Dimension might be supported and why?

Write Rationale

## Evidence

What questions or sections in the Data Card draft support this Dimension and how?

Add Evidence

## Action Items

What steps must be taken to refine the Data Card?

Add Action Items

## Overall Dimension Rating\*

Poor / Borderline / Average/ Solid/ Outstanding

## Proficiency Ratings

How much fluency and expertise might be needed to arrive at an informed conclusion about this Dimension from the Data Card?

## Required Data Fluency\*

1

2

3

4

5

No FluencyExpert Fluency

## Required Domain Expertise

1

2

3

4

5

No ExpertiseDomain Expert

–  
\* Update in Activity Tracker



# 2/5: Evaluate your Data Card for Utility

## Rationale

Discuss and provide a rationale for how well this Dimension might be supported and why?

Write Rationale

## Evidence

What questions or sections in the Data Card draft support this Dimension and how?

Add Evidence

## Action Items

What steps must be taken to refine the Data Card?

Add Action Items

## Overall Dimension Rating\*

Poor / Borderline / Average/ Solid/ Outstanding

## Proficiency Ratings

How much fluency and expertise might be needed to arrive at an informed conclusion about this Dimension from the Data Card?

## Required Data Fluency\*

1

2

3

4

5

No FluencyExpert Fluency

## Required Domain Expertise

1

2

3

4

5

No ExpertiseDomain Expert

—  
\* Update in Activity Tracker

# 3/5: Evaluate your Data Card for Quality

## Rationale

Discuss and provide a rationale for how well this Dimension might be supported and why?

Write Rationale

## Evidence

What questions or sections in the Data Card draft support this Dimension and how?

Add Evidence

## Action Items

What steps must be taken to refine the Data Card?

Add Action Items

## Overall Dimension Rating\*

Poor / Borderline / Average/ Solid/ Outstanding

## Proficiency Ratings

How much fluency and expertise might be needed to arrive at an informed conclusion about this Dimension from the Data Card?

## Required Data Fluency\*

1

2

3

4

5

No FluencyExpert Fluency

## Required Domain Expertise

1

2

3

4

5

No ExpertiseDomain Expert

-  
\* Update in Activity Tracker

# 4/5: Evaluate your Data Card for **Impact & Consequences**

## Rationale

Discuss and provide a rationale for how well this Dimension might be supported and why?

Write Rationale

## Evidence

What questions or sections in the Data Card draft support this Dimension and how?

Add Evidence

## Action Items

What steps must be taken to refine the Data Card?

Add Action Items

## Overall Dimension Rating\*

Poor / Borderline / Average/ Solid/ Outstanding

## Proficiency Ratings

*How much fluency and expertise might be needed to arrive at an informed conclusion about this Dimension from the Data Card?*

## Required Data Fluency\*

1

2

3

4

5

No FluencyExpert Fluency

## Required Domain Expertise

1

2

3

4

5

No ExpertiseDomain Expert

—  
\* Update in Activity Tracker

# 5/5: Evaluate your Data Card for Risk & Recommendations

## Rationale

Discuss and provide a rationale for how well this Dimension might be supported and why?

Write Rationale

## Evidence

What questions or sections in the Data Card draft support this Dimension and how?

Add Evidence

## Action Items

What steps must be taken to refine the Data Card?

Add Action Items

## Overall Dimension Rating\*

Poor / Borderline / Average/ Solid/ Outstanding

## Proficiency Ratings

How much fluency and expertise might be needed to arrive at an informed conclusion about this Dimension from the Data Card?

## Required Data Fluency\*

1

2

3

4

5

No FluencyExpert Fluency

## Required Domain Expertise

1

2

3

4

5

No ExpertiseDomain Expert

\* Update in Activity Tracker

# Pro-tips for Dimensions Worksheet



## **Dimensions are related**

Overlaps between Dimensions are expected and OK



## **Duplicated evidence is a strong signal**

A single question used as evidence for multiple Dimensions



## **Trust your intuition; you know the dataset**

Take note of sparse evidence or feeble questions



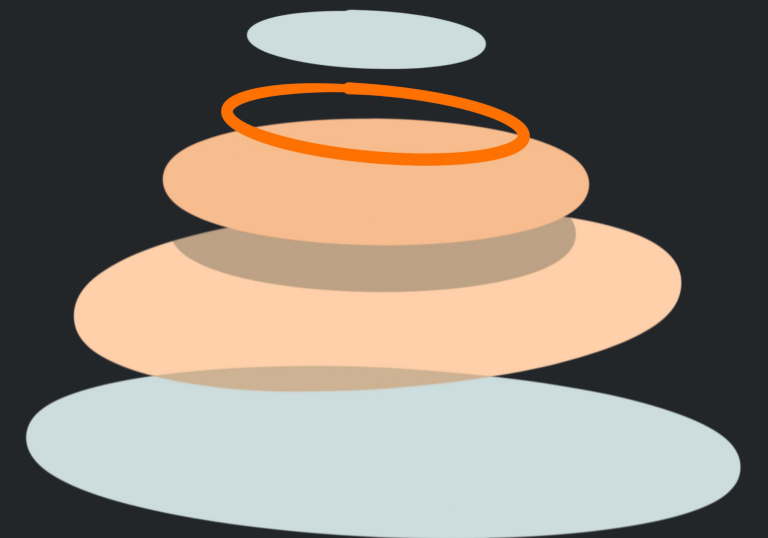
## **Don't go down a rabbit hole**

Keep discussions focused on the Dimensions



## **All Dimensions are important**

There's no order of importance



# Next Steps

## OUTCOMES

—

A completed evaluation to identify opportunities for improvements in your documentation or Data Card.

## FOLLOW UP

—

- Update your Activity Tracker
- Fine-tune your Data Card or Template
- Parking lot: Take note of action items or improvements
- Next: Fluency Calculator



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