

# Meta-Information Quality

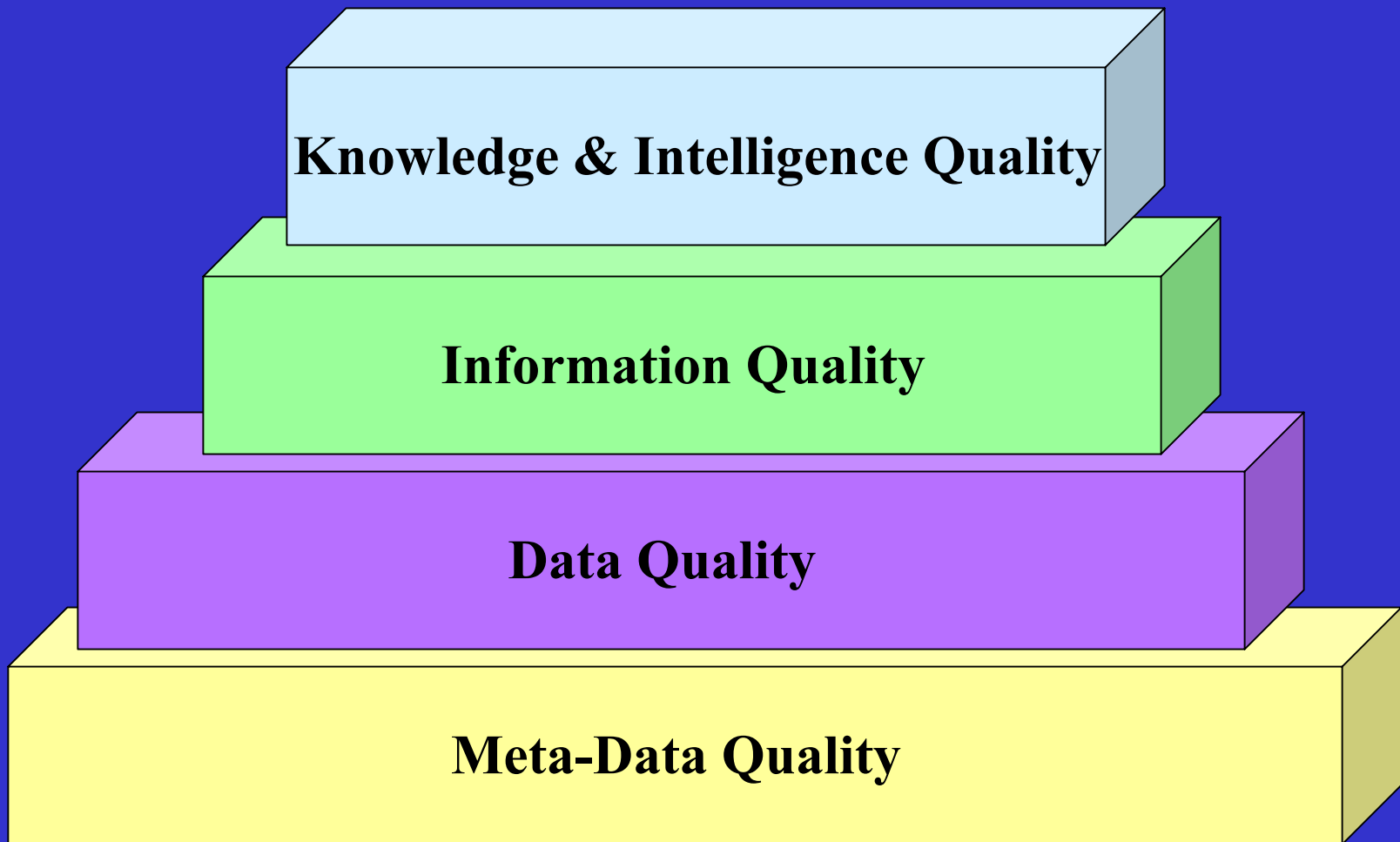
The MIT Total Data Quality  
Management Program  
IQ 2001 Conference

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# Outline

- Meta-Data Quality (MDQ) is a prerequisite for IQ
- Challenges in MDQ
- Opportunities in MDQ
- Communication & Education Through MDQ
- Continuous innovation in MDQ capabilities

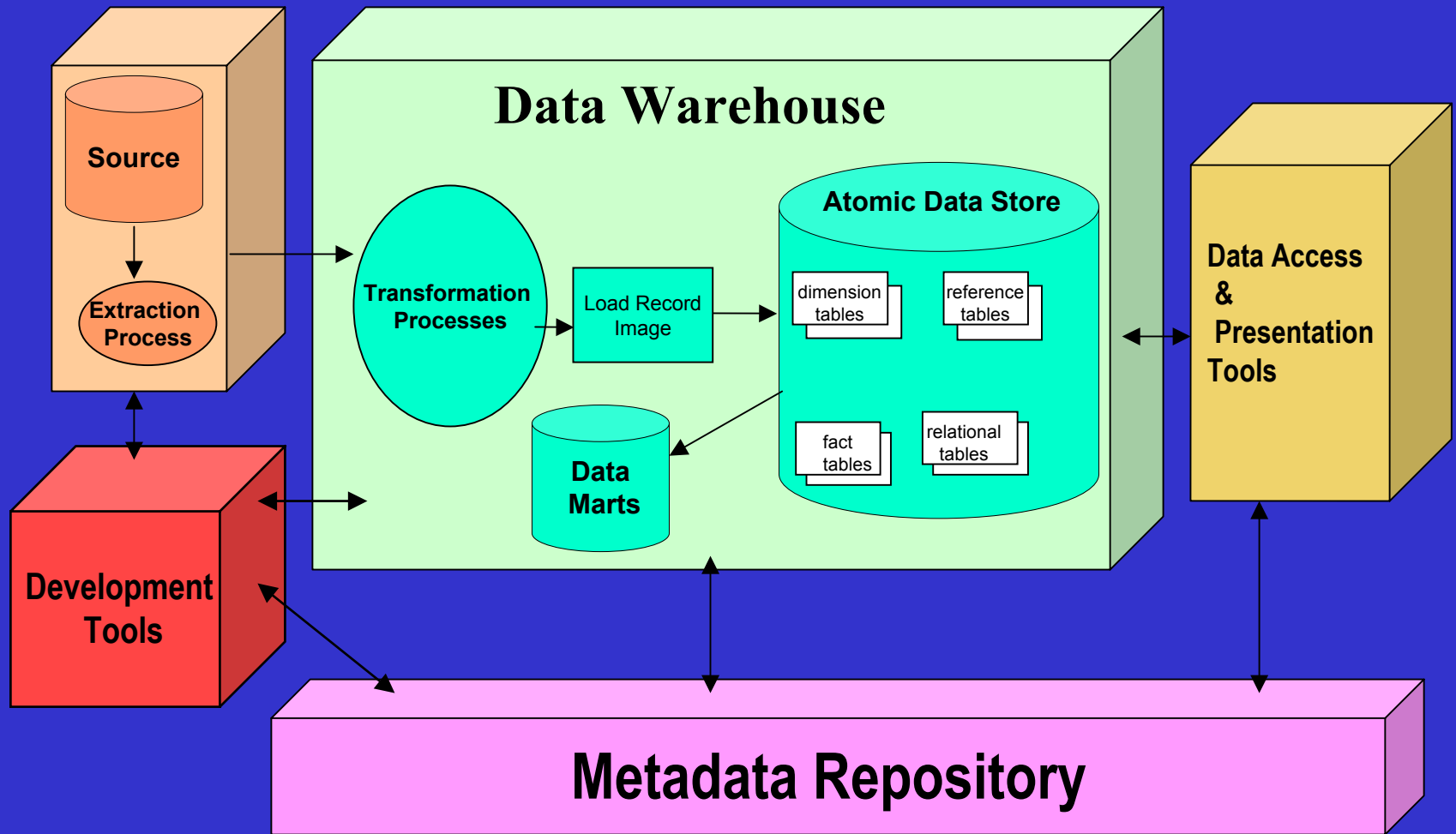
# Meta Data Quality is Foundational Layer



# What is Meta Data?

- It is the Who, What, When, Where, Why, How... about the data.
- Documents the data definition and business description.
- Data Dictionary and beyond for full support of DQ
- Meta-Data is the database and data for understanding IQ by all users

# Meta-Data Documents the Integration



# Meta-Data Quality Challenges

- The infrastructure and processes to capture Meta-Data are viewed as overhead
- The infrastructure is fragmented and often complex.
- The business requirements for Meta-Data not understood.
- Requires all the same policies, and practices to support IQ.

# Meta-Data Quality Opportunities

- Think Big - Start Small - Evolve
- Iterations to add capability to MDQ initiative
- Use each project to enhance content and functionality
- Meta-Data must have Quality
  - Concise
  - Complete
  - Accessible

# Communication & Education

- Meta-Data communicates the documented details about the data.
- Educating and learning are key to IQ.
- Knowledge about the data enables the users.
- Meta-Data can be segmented to support the needs of technical and business users.



# Meta-Data Quality leads to IQ

- Meta-Data Quality is a foundation for IQ
- IQ initiatives require Meta-Data Quality
- Meta-Data is critical tool to support IQ
- Meta-Data is necessary for institutional learning
- We need to continually innovate Meta-Data Capabilities to drive IQ improvement