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DLI Accelerated Data Science Teaching Kit

# Lecture 1.5 - Analytics Building Blocks



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# Building Blocks

Collection

Cleaning

Integration

Analysis

Visualization

Presentation

Dissemination

# Building Blocks. **NOT Rigid Steps.**

Collection

Cleaning

Integration

Analysis

Visualization

Presentation

Dissemination

**Can skip some**

**Can go back (two-way street)**

- Data types inform visualization design
- Data informs choice of algorithms
- Visualization informs data cleaning (dirty data)
- Visualization informs algorithm design (user finds that results don't make sense)



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# Thank You