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### Embedded Humanities in Data Systems

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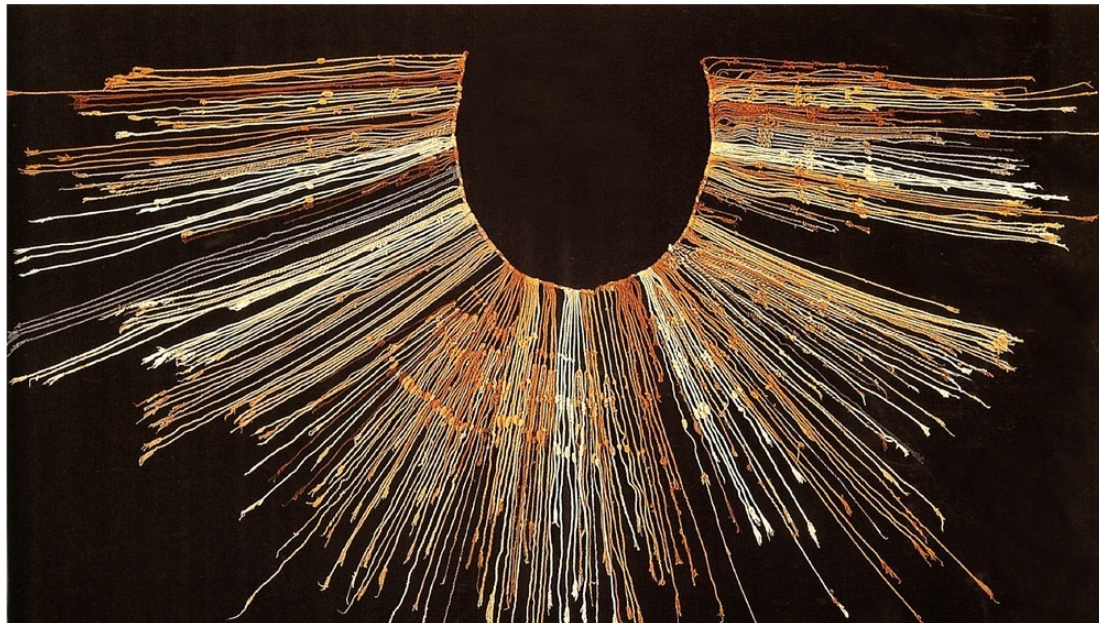
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# EMBEDDED HUMANITIES IN DATA SYSTEMS

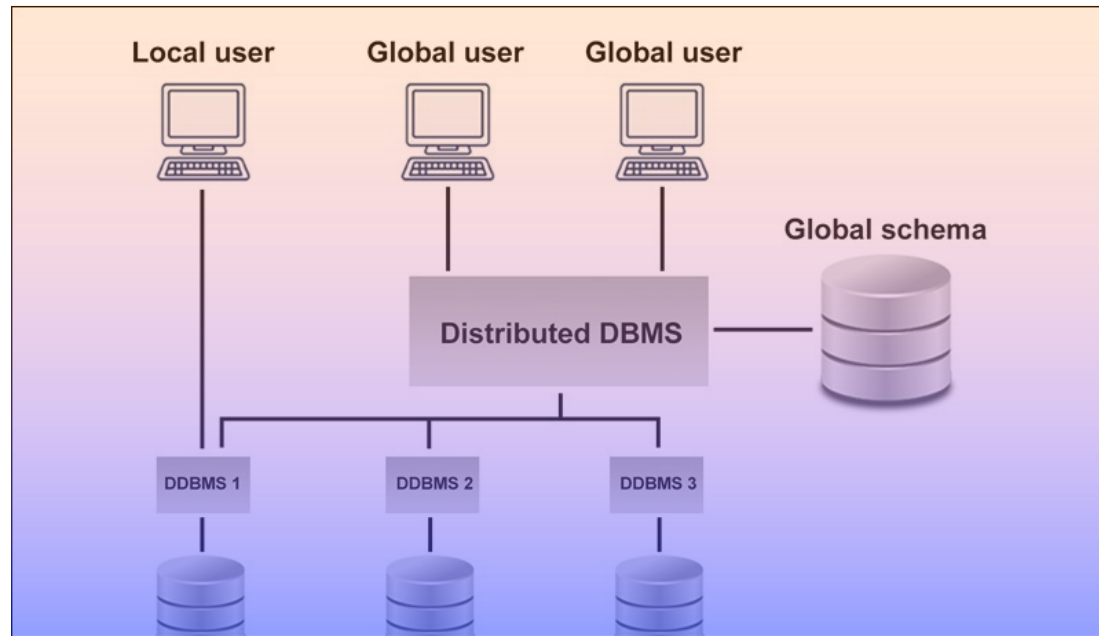
The indigenous Khipu and modern databases

# KHIPU



- Recorded Data
- In 'absence' of written language
- Numerical information in base 10
- Fundamental to the Inca's empire ability to manage an empire at scale

# MODERN DATABASES



- Response to increase in complex, distributed data.
  - Google Search, “Big Data” etc
- Privileges ‘engineer’ subject
  - “Easy to use cloud database”
  - Storage of ‘unstructured’ data like Tweets etc.

# Data Subjectivities

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What cultural assumptions are involved in operationalizing data?

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How can the humanities inform the axioms data practitioners users

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How can the cultural and computational aspects of the Khipu help elevate indigenous knowledges?

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