

: How does a data architecture impact decision support capabilities?

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A data architecture is important, but sometimes the task of creating a formal architecture document seems either too difficult and complex and hence impossible or too simple and even simplistic and hence unnecessary. According to The Open Group Architecture Framework (2006), a database architecture is "the logical view of the data models, data standards, and data structure. It includes a definition of the physical databases for the information system, their performance requirements, and their geographical distribution."

Rick Sherman (2015) explains that "a data architecture defines the data along with the schemas, integration, transformations, storage, and workflow required to enable the analytical requirements of the information architecture."

References

Sherman, R., "Data – Spreads like Kudzu, but Smells like a Rose," March 30, 2015 at URL <http://scitechconnect.elsevier.com/data-spreads-like-kudzu-but-smells-like-a-rose/>

The Open Group, "TOGAF™ -- The Open Group Architecture Framework, " 2006, at URL <http://pubs.opengroup.org/architecture/togaf8-doc/arch/toc.html> .

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