IST722: Unit 07 Participation Questions

**This is an individual assignment.**

**Before you begin, please make sure you’ve read and understand 1) our class honor code, 2) course policies on late work and 3) participation policies as posted on the syllabus. “I didn’t know” is not an excuse.**

**You should cite your sources in a standard format like MPA or APA and include a list of works cited.**

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# Instructions

Answer each of the following questions as concisely as possible. More is not necessarily better. Please justify your answer by citing your sources from the assigned readings from our textbooks, our class lectures, or online if directed to do so. Be sure to cite in text and include a list of works cited. Place your answer below each question. When you’re finished, print out this document and bring it to class as part of your participation grade.

# Questions

1. Which technical architectures best describe Kimball and Inmon respectively?

Enterprise Bus architecture describes Kimball technical architectures as it has conformed dimensions and as data is staged and then it is transferred into data warehouse like Kimball architecture. Hub and Spoke architecture best describe Inmon model as the data is taken from the data warehouse into the data marts. Data marts have dimensional models, but data warehouse does not have dimensional modelling but rather uses time variance.

1. What impact does your organizations selection of technical architecture have on the implementation of your data warehouse? Little impact? Great impact? Explain.

A technical architecture is a framework of rules, decisions, and structures for the overall design of a system. Data architecture, client-server architecture, networking architecture, and product architecture are some of the many types of architectures. Data architecture defines how data will move in our system. It defines if data is taken from the data warehouse into the data marts or data is staged and then it is transferred into data warehouse. So, In my opinion selection of technical architecture have a significant impact on the implementation of data warehouse

WORKS CITED:

Inmon, W. H. Building the Data Warehouse, Fourth Edition. John Wiley & Sons.,

2005.Kimball, Ralph, and Margy Ross. The Data Warehouse Toolkit: The Definitive Guide to Dimensional Modeling, Third Edition. John Wiley & Sons. 2013.Books24x7