

Hasan Husseini
24214400
CS331 TTH9:15AM
11/09/2025

Of the subtopics derived from the assignment, Taxonomies in Data Governance is what my group and I agreed upon for me to do.

Taxonomies are naming hierarchies, like in biology with Domain Kingdom Phylum... . . . Genus Species. A more relevant-to-331 example would be the taxonomy for databases. RudderStack gives the best defn here.

The use cases, application and significance are ensuring consistency, reducing the “lag” coming from user search and interpretation delays, being the foundation for FQDs and FQTNs and avoiding duplication of data. These points come from Amplitude and Dovetail. This also connects it to FQDs and FQTNs which forms the link between the section before & after this one.

AdventureWorks will be the example of choice here. Posting the link as a source just to be on the safe side even though I just pulled it up on Azure Data Studio.

Other sources: Looking through the first 6-7 results on a search gives me the candidates

<https://amplitude.com/explore/data/what-data-taxonomy>

<https://dovetail.com/research/what-are-taxonomies/>

<https://analystanswers.com/intro-to-data-taxonomy-definition-and-uses/>

<https://www.nielsen.com/insights/2019/why-you-need-a-data-taxonomy/>

<https://medium.com/@mustafaisonline/data-taxonomies-ontologies-7746de5bfcb9>

<https://www.dinmo.com/modern-data-stack/data-taxonomy/>

<https://www.rudderstack.com/learn/data/what-is-data-taxonomy/>

After reading through them, Amplitude, Dovetail and Rudderstack seem to be the most optimal sources for the presentation