

Advanced Data Vault Modeling

Course Outline

- 1) Modeling Events (and the role of links)
- 2) Modeling Context Arrays (impact on satellite design)
- 3) Modeling for Big Data, Cloud & Streaming Deployments (leveraging new platforms)
- 4) Modeling UOW – Event based UOW (advanced link design)
- 5) Modeling UOW – Keyed Instance UOW (hubs vs links)
- 6) Modeling Address (context close to key)
- 7) Modeling the BK in and EDW (dealing with lack of Enterprise Key – also include Anchor/Focal alternatives)
- 8) Modeling the Shuttle for Fuzzy Integration (dealing with realistic integration)
- 9) Modeling the SAT BOK (alternate, degenerate keys, etc.)
- 10) Modeling for Personally Identifiable Information and Privacy (PID)
- 11) Architecture – Defining and Deploying the RAW and BDV (establish approach)
- 12) Ensemble Logical Form (ELF) and Virtualization (in memory)
- 13) Modeling Automation – the Play Book (how and when to automate)