(Big) Data Engineering In Depth From Beginner to Professional

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The Definitive Guide to Big Data Engineering Tasks

Videos classification

Watching Method / Audience	Computer	Mobile/Tablet	Just listening
Developer		•	
DevOps		•	
Business		•	

Table: Video classification The green circle • means short video. The blue circle • means medium video. The red circle • means long video

Sub-Section: Differences Between DWH and Operational DB

Metric	Transactions DB	DWH	
Volume	GB/TB	TB/PB	
Historical	Short-term	Long-Term	
rows	<1000M	1000M>	
Orientation	Product	Subject or multi products	
Business Units	Product team	Multi organizational units	
Normalization	Normalized	Not required (De-normalized in many use cases)	
Data Model	Relational	Star Schema or Multi-dim	
Intelligence	Reporting	Advanced reporting and Machine Learning	
Use cases	Online transactions & operations	Centeralized storage (360°)	

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Transactional DB Use cases



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DWH Use cases



DWH Use cases



DWH Use cases

