

(Big) Data Engineering In Depth

From Beginner to Professional

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 Garage Education

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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

Section: Introduction to DWH

Sub-Section: Motivation to the Data Warehouse (DWH)

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- Vendors who are working on solving the above challenges are creating their product of DWH. Their ultimate goal is to optimize the above points.

Motivation to the Data Warehouse (DWH)

Definition (What is Data Warehousing?)

A DWH is a technique for collecting and managing data from varied sources to **provide meaningful business insights**. It is a blend of technologies and components which aids the strategic use of data.

Inmon Bill gave the real concept. He is considered the father of the DWH. He had written about a variety of topics for building, usage, and maintenance of the warehouse & the Corporate Information Factory

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- The DWH is the core of the BI system built for data analysis and reporting.

Motivation to the Data Warehouse

Other names for the Data warehouse system:

- Decision Support System (DSS).
- Business Intelligence Solution.
- Executive Information System.
- Management Information System.
- Analytic Application.
- Data Warehouse.