

Basic's of Data Engineering

Big Data:- A data, which has following characteristics

Volume: A data with huge volume like exabyte.

Veracity: Data is accurate and trustworthy.

Velocity:- Means the speed of data generation is high

Value:- Data that will provide

value to users like solve problem, generate growth.

variety:- The data is of various types like images, videos, text etc.

Data Lake

A repository containing data, in its natural/raw format is called data lake.

Database:- An organized collection of data that can be accessed electronically is called database.

Data Warehouse A central repository containing data from one or more various sources. This is a core component of BI.

It is used for reporting and data analysis. Also known as Enterprise WM.