

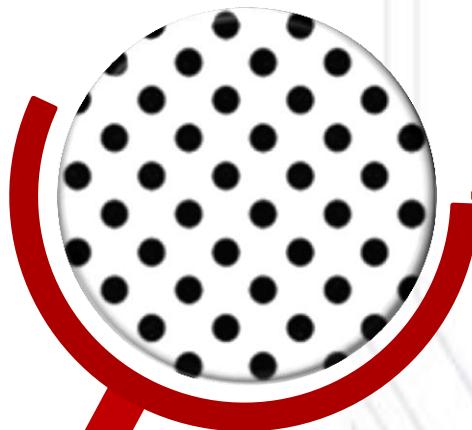


## THE FIRST 3 V'S of BIG DATA



### Speed of Change

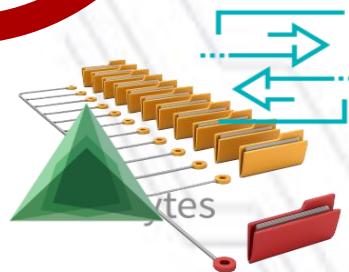
- Real Time
- Near Time
- Streams
- Batches



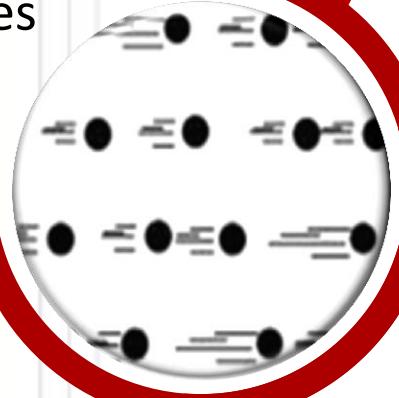
### VOLUME

#### Data Size

- Terabytes
- Records
- Transaction
- Table/Files



### VELOCITY



### VARIETY

#### Data Source

- Structured
- Unstructured
- Semi Structured

“ Analytics data is the new science.  
**Big Data** holds the answers  
*Hal Varian, Chief Economist, Google* ”

Data containing a defined data types, format and structure.

**Structured**



Textual data files with a dissemble pattern and enabling parsing.

**Semi Structured**



Data that has no inherent structure and is usually stored as different types of files.

**Unstructured**



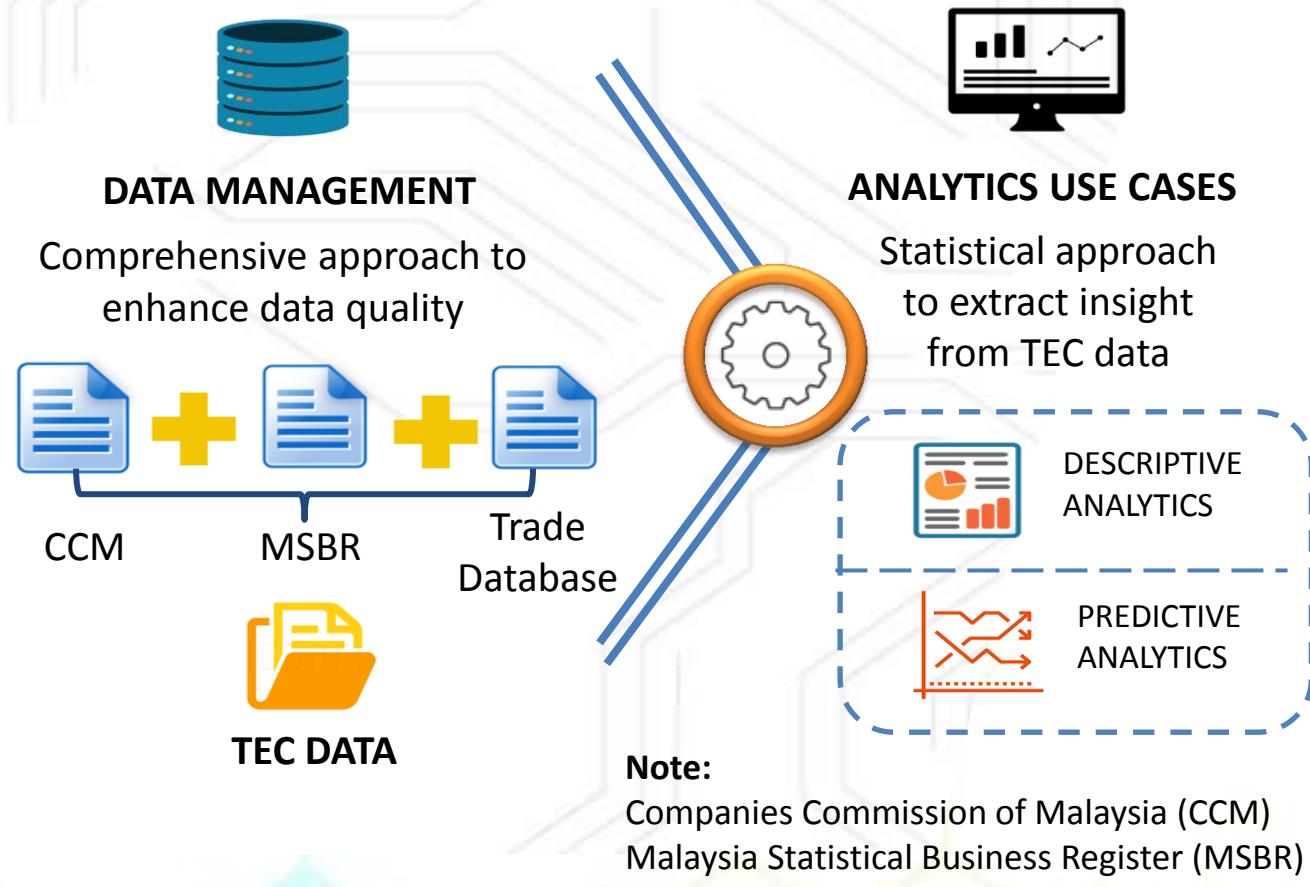
SOURCE:

<https://www.wishworks.com/blog/big-data/understanding-the-3-vs-of-big-data-volume-velocity-and-variety>



# TRADE BY ENTERPRISE CHARACTERISTIC (TEC) STATSBDA MODULE

**TEC** project is conducted to complement conventional trade statistics for an in-depth trade statistics of which the traditional trade statistics are unable to portray its business characteristic, economic activity, revenue size, enterprise age etc.



## DATA MAPPING



**Data Mapping** is a process used in data warehousing by which different data models are linked to each other using a defined set of methods to characterize the data in a specific definition. This definition can be any atomic unit, such as a unit of metadata or any other semantic. This data linking follows a set of standards, which depends on the domain value of the data model used. Data mapping serves as the initial step in **data integration**.

## Info

**DATA INTEGRATION** is the combination of technical and business processes used to combine data from disparate sources into meaningful and valuable information. A complete data integration solution delivers trusted data from various sources.

SOURCE : <https://www.techopedia.com/definition/6750/data-mapping>