Types of Data

Collection of the facts can be in 3 forms depending on the data source.

Structured Data 	***Semi-Structured Data*** 	***Unstructured Data*** 
This kind of data is stored in the Tabular format as row and column.	*It doesn't have a defined structure, but data are separated using tags and markers.*	*Not having any structure. This kind of data requires an algorithm to convert into some structure.*
It contains information that is well-formatted and has a predefined structure.	*It contains some definite characteristics but has not had a rigid structure.*	*It contains data present in absolute raw form.*
Structured data is more interdependent and less flexible.	*Data is comparatively less flexible and interdependent than unstructured data but way more flexible and interdependent than structured data.*	*It is the most flexible of all and is free from internal dependence.*
Scaling structured data is a difficult process.	*Scaling semi-structured data is comparatively easier than structured data.*	*Unstructured data is the most scalable.*
Example: Relational data, Barcodes, CSV files, anything that forms a table	*Examples: XML data, delimited files , Email syntax, HTML , log data*	*Examples: Media files, Pdf, Images, Email Content,Text*