## Data Management Ng Jin Bin 1171303325

	Date No.
1.	4V - Volume, Velocity, Variety, Veracity
	Volume
	· Volume refers to the amount of data (Size of data). Nowadays, with the decreasing storage
	costs and better storage solution like Hadoop, massive volume of data is getting generated,
	in range of tera bytes to zeta bytes. In Covid-19 pandemic case, as the people with
	covid-19 case getting increased, the volume/size of data will increase also. The data
	generated not only include the number of case, it also contains some medical and
	personal information of the patients. These data will make the volume of data
	become mossive.
	MATE.
	Velocity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	· Velocity is the speed at which data is created, stored, analyzed and visualize. In the past,
11	when batch processing was common practice, it was normal to receive an update from the
* .	databax every parties inight or every week. In big data era data is created
	in real-time or near real-time. In Govid-19 pandemic case, Malaysia has some SOP that
	every people required to follow. People that went to any shop will need to scan the
	QR code and submit their personal information. The speed of data being created
	Vaile
	Variety
	· Variety refers to the many sources and types of data. In the past all data is created in
	structured data, it neatly fitted in columns and row but those day are over. Nowadays, unstructured
	data is getting more popular. In Covid-19 pandemic case, there will always have news updating on current situation of covid-19 globally. The news can be in the form of website,
	newspaper, article, image, video, dutaframe etc. All these form of data is reffering to variety
	newspaper, article, image, bridge, wild happy of auto is vertering to barrery
-	Venaty
	· Veracity refers to the biases, noise, and abnormalities, ambiguities latency in the data.
	In short, it is related to the correctness of the data. In Covid-19 case, there might be
<del></del>	people that purposely key in false data /fake data to the form after ar
	code scanning. The correctness of data will be affected.
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Default number of replications = 3 > meaning each data notes need to distribute 3 block.

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