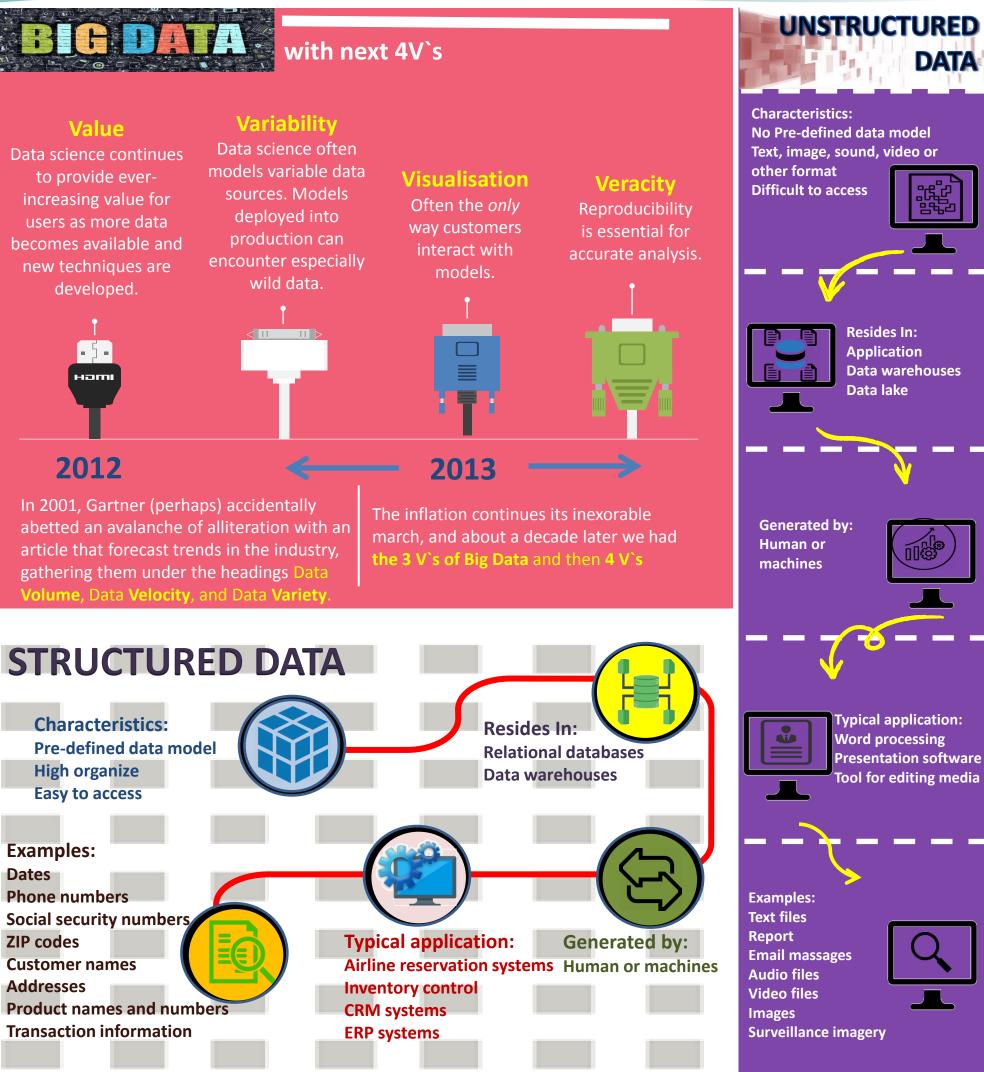
DOSM/BMP/4.2018/Series 19







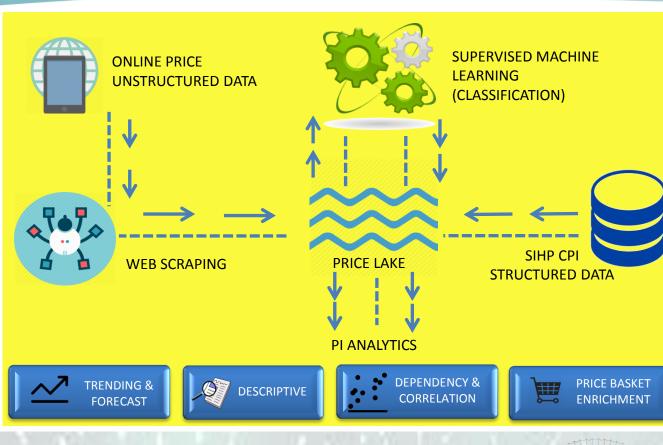
SOURCE: https://www.kdnuggets.com/2017/04/42-vs-big-data-data-science.html





NEWSLETTER

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STATSBDA MODULE PRICE INTELLIGENCE (PI)



VALUE CREATION

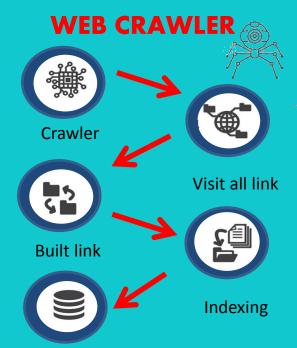
New Data Collection Methodology New data collection process introduced to cover price of goods sold online

> **Transform of Business Process** New data collected enable to create holistic landscape of CPI monitoring process

Holistic View of Online & Offline Price Allow monitoring & forecast future price trend & as valueable input for price control decisions by government

PI's main goal is to create a price list of different goods and provide the solution for consumers on the best prices available. Via web scraping, PI extracts the product prices from the internet through a method called web crawling. The prices will then be arranged into structured data and classified into categories. The then consumer can see for themselves a list of prices from hundreds of sellers and sort out the best prices for them through what we call Price Basket Enrichment, where as the prices are made public.





Store in Database

Web Crawler (also known as a web spider or web robot) is a program or automated script which browses the World Wide Web in a methodical, automated manner. This process is called Web crawling or spidering. Many legitimate sites, in particular search engines, use spidering as a means of providing up-to-date data

WEB SCRAPING



Web scraping is a simple method used to scrap a website. It is the act of extracting data online from multiple websites. The process is done by a robot or a program by extracting content from the display output of other programs or web pages. Such programs are simply known as a website scraper.



