



Other Data Formats

CSV Data Files

Murtadha AlBahrani

Other data formats?

As of 2011, the global size of data in healthcare was estimated to be

150 EXABYTES

[161 BILLION GIGABYTES]



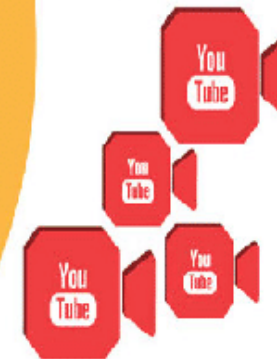
By 2014, it's anticipated there will be

**420 MILLION
WEARABLE, WIRELESS
HEALTH MONITORS**

Variety
DIFFERENT
FORMS OF DATA

**4 BILLION+
HOURS OF VIDEO**

are watched on
YouTube each month



**30 BILLION
PIECES OF CONTENT**

are shared on Facebook
every month



400 MILLION TWEETS

are sent per day by about 200
million monthly active users



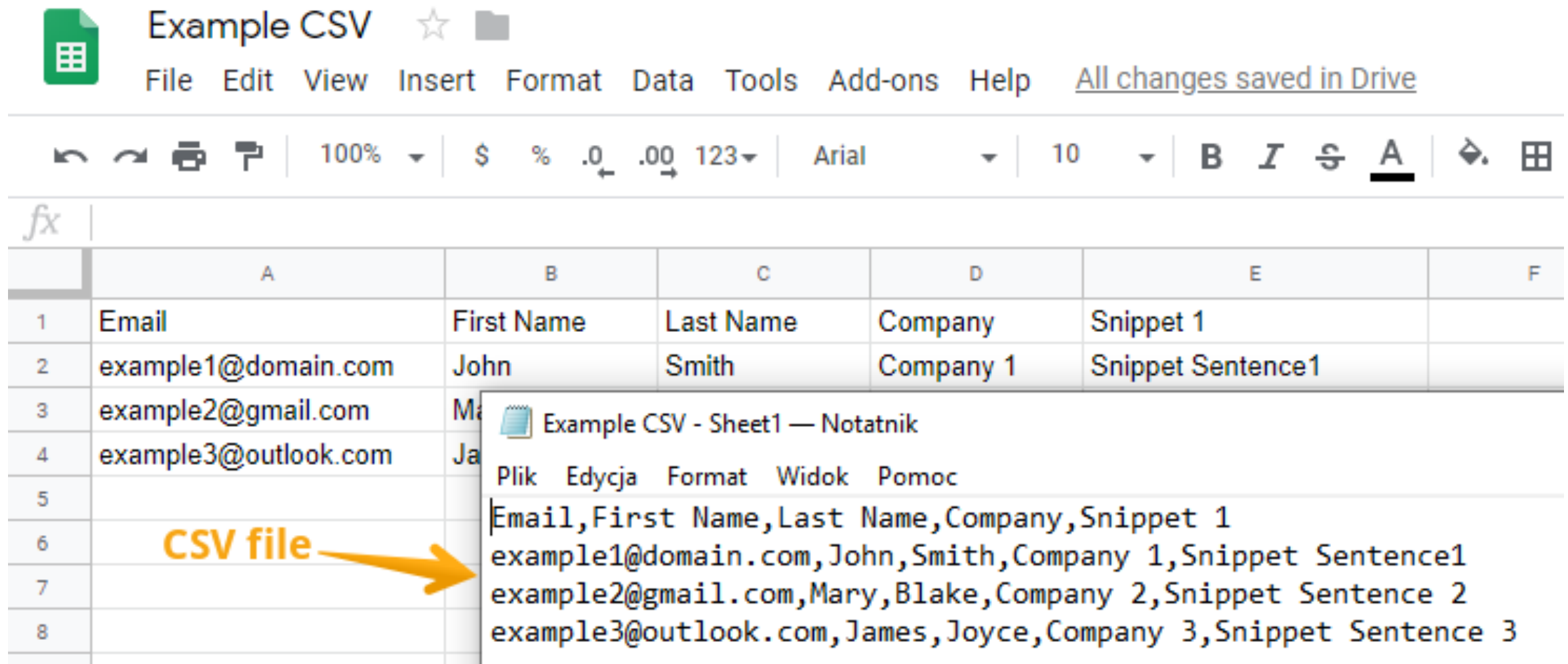
What's beyond Excel?



I love you Excel, but I have to Kill you

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What's CSV?



The image shows a Google Sheets interface with a file named "Example CSV". The spreadsheet has columns A through F. Column A contains email addresses, B contains first names, C contains last names, D contains company names, and E contains snippet sentences. A yellow arrow points from the text "CSV file" to the raw data shown in a Notepad window. The Notepad window displays the CSV data as a single text block with commas as delimiters.

	A	B	C	D	E	F
1	Email	First Name	Last Name	Company	Snippet 1	
2	example1@domain.com	John	Smith	Company 1	Snippet Sentence1	
3	example2@gmail.com	Mary	Blake	Company 2	Snippet Sentence 2	
4	example3@outlook.com	James	Joyce	Company 3	Snippet Sentence 3	
5						
6						
7						
8						

CSV file

```
Example CSV - Sheet1 — Notatnik
Plik  Edycja  Format  Widok  Pomoc
Email,First Name,Last Name,Company,Snippet 1
example1@domain.com,John,Smith,Company 1,Snippet Sentence1
example2@gmail.com,Mary,Blake,Company 2,Snippet Sentence 2
example3@outlook.com,James,Joyce,Company 3,Snippet Sentence 3
```

Let's do it together!

c7	✕	✓	<i>fx</i>	
	A	B	C	D
1	Student	Age	Major	
2	Tania	19	CS	
3	Ramy	23	PS	
4	Jerry	28	EE	
5	Hannah	20	MK	
6				
7				
8				