Breaches & How It Affect Companies

An Insight on Data Breaches

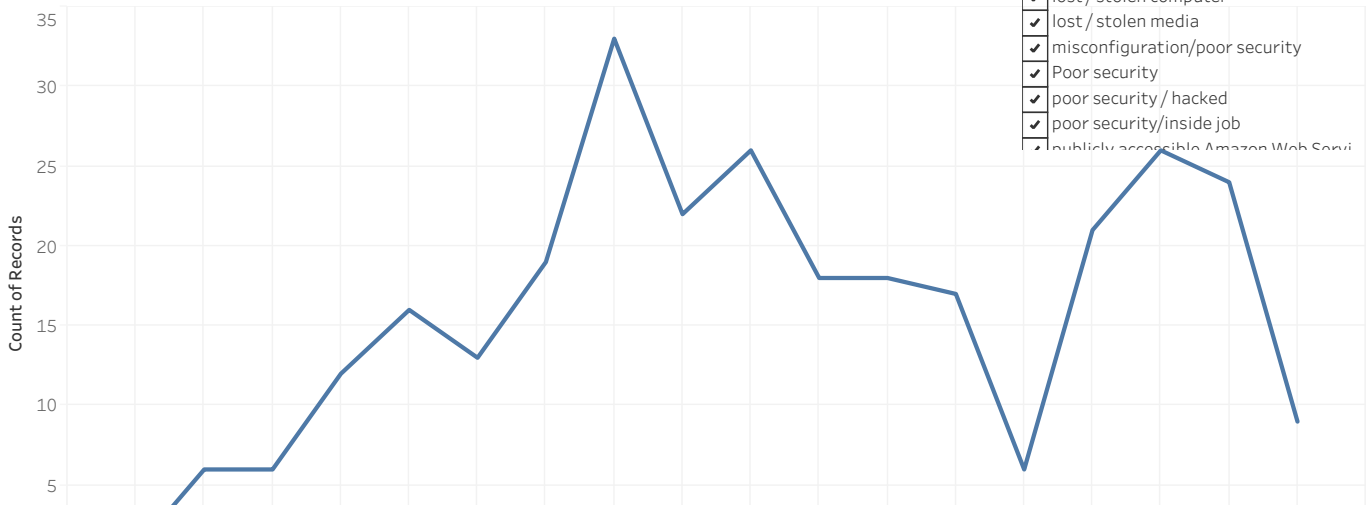
By James Luu

Data have always been used as an transaction between customers and businesses. There is a trust between them that their information is kept confidentally.
As security measures, customer provide their password, email information, credit card information, social security numbers or even their mother's maiden name.

As time progress, breaches occur from minimalistic to spiking up erratically. I hope by looking at these information, you would only use **important passwords** for trustyworthy site like your bank, government positions, and emails.

Method
- accidentally exposed
- accidentally published
- accidentally uploaded
- data exposed by misconfiguration
- hacked
- improper setting, hacked
- inside job
- inside job, hacked
- intentionally lost
- lost / stolen computer
- lost / stolen media
- misconfiguration/poor security
- Poor security
- poor security / hacked
- poor security/inside job
- publicly accessible Amazon Web Servi

Breach Type



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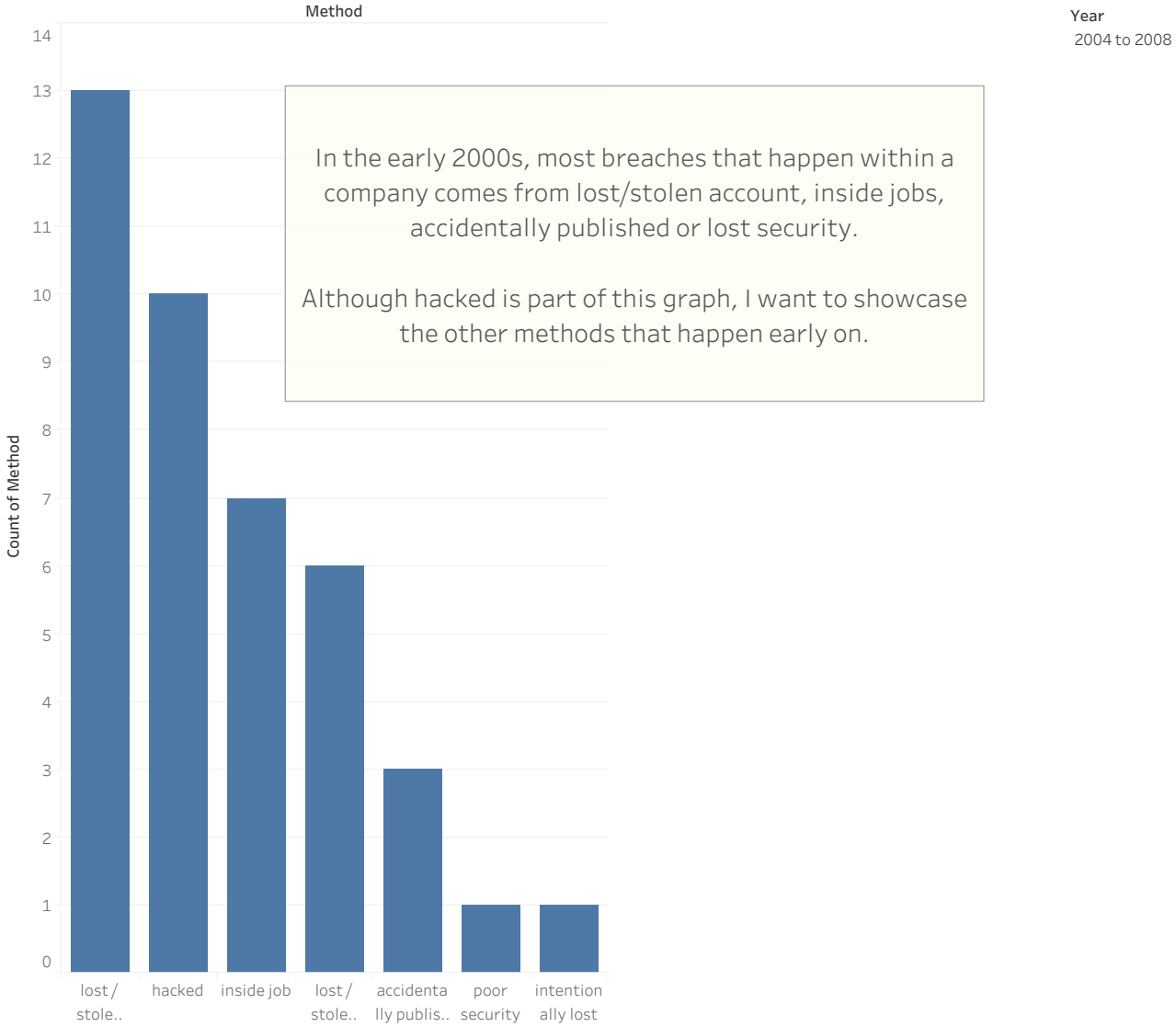

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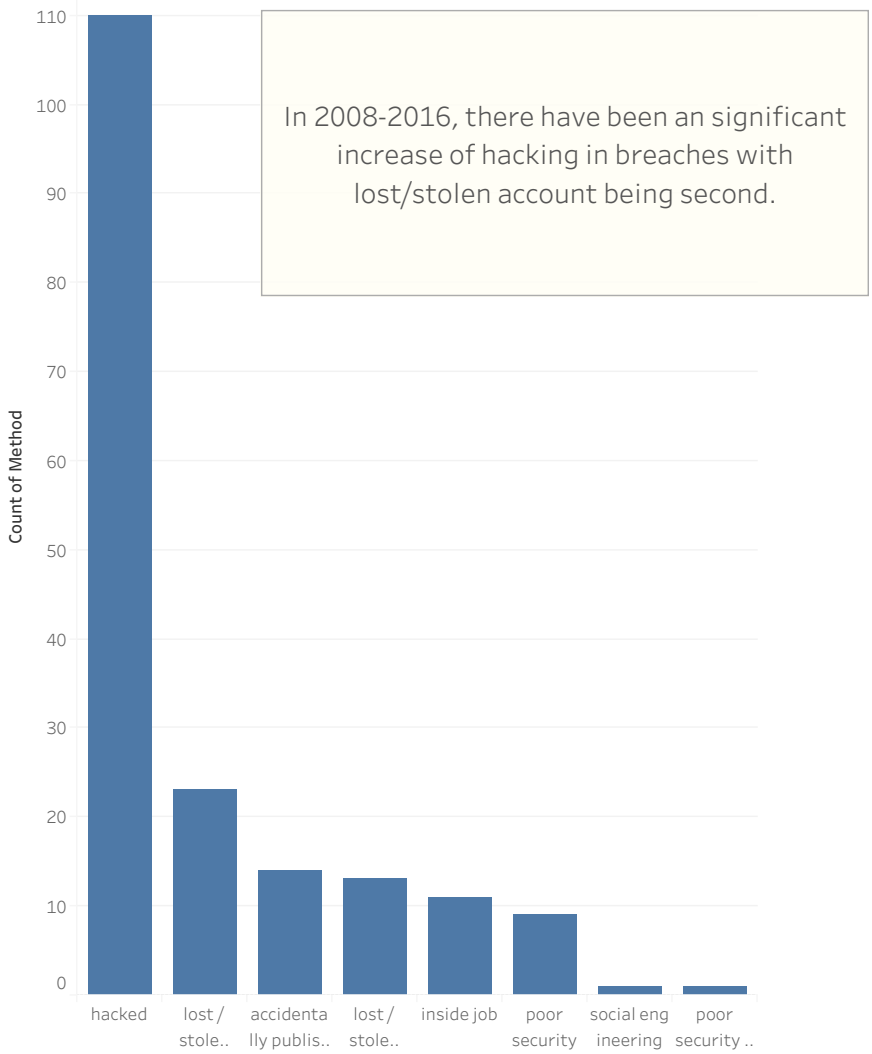
Method

Year
2008 to 2016



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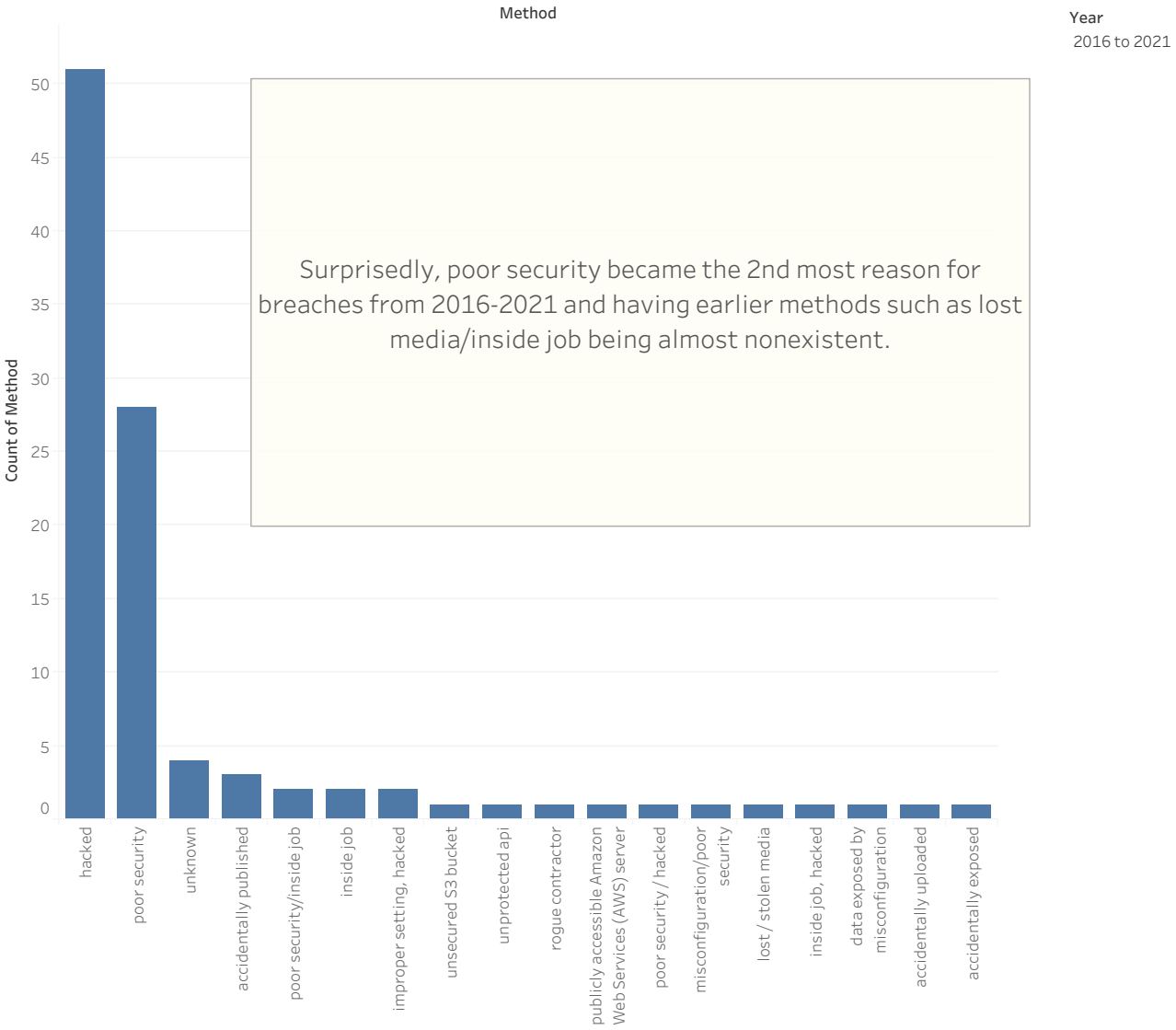

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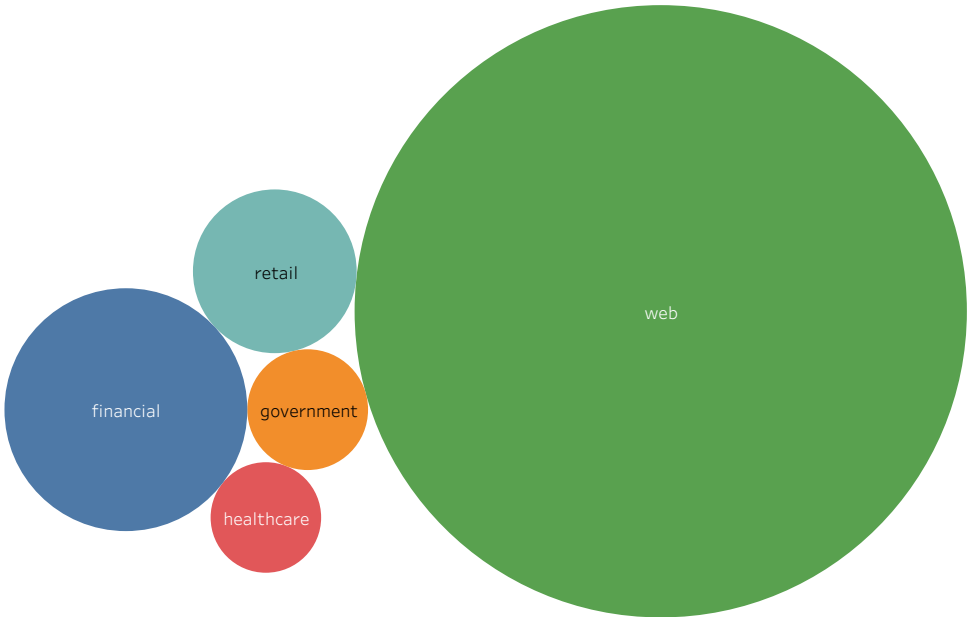
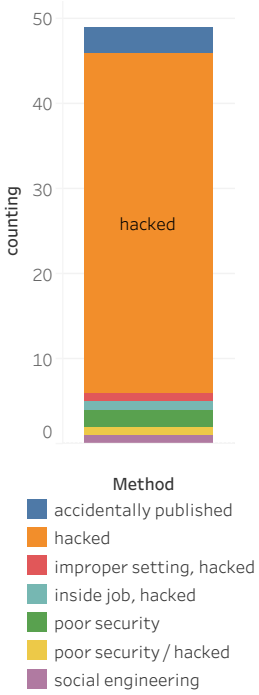
How Many Records of Breach



Organizatio..	
web	49
healthcare	45
financial	36
government	27
retail	20

What kind of methods?



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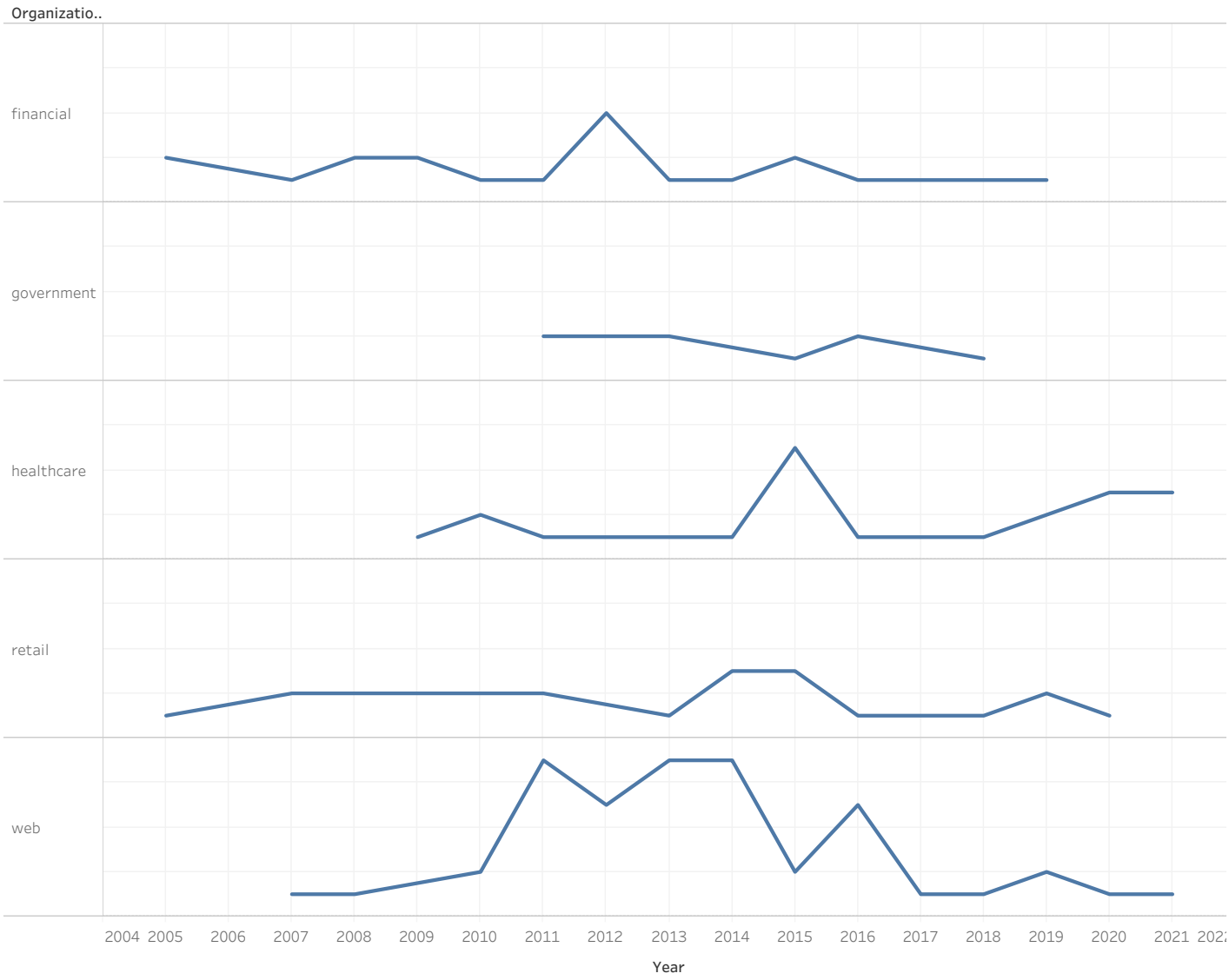

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Shown in this graph, Yahoo was the most hit with a 3.5 billion records stolen in over two years.

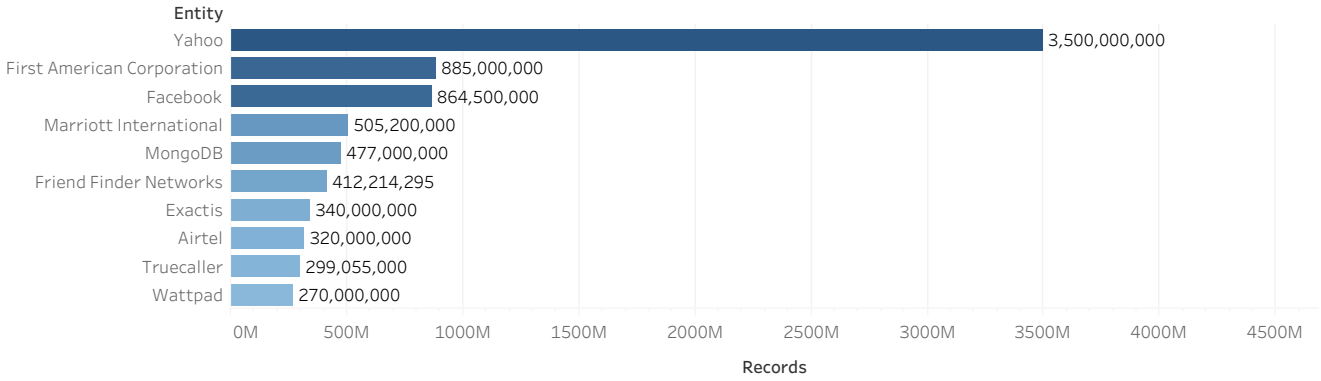
Cybersecurity have always been difficult to implement against new upcoming threats. Unfortunately, Yahoo contain a lot of important informations such as security information, password and even personal messages.

What is more interesting than Yahoo getting hit is the amount of time Facebook been breached.
With a **total of 5** breach occuring from accidentally publish/upload, and poor security, there been a leak of 864 millions record.

Reason of Breach

Method	Entity	
hacked	Yahoo	2
	Wattpad	1
	Marriott International	1
poor security	Facebook	3
	MongoDB	2
	First American Corporation	1
	Exactis	1
	Airtel	1
accidentally published	Facebook	1
accidentally uploaded	Facebook	1
poor security/inside job	Marriott International	1
poor security / hacked	Friend Finder Networks	1
unknown	Truecaller	1

Entity of Most Breached



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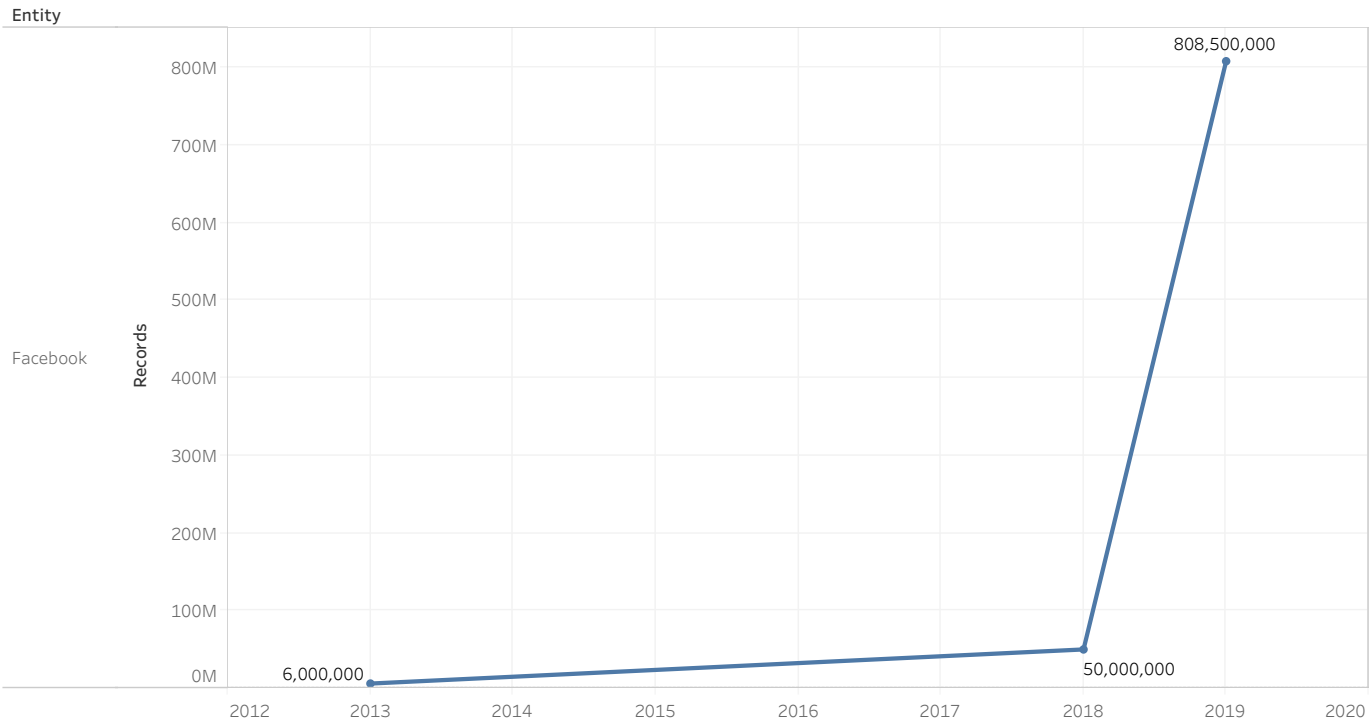
Facebook & Why Is The Security Horrible?

Entity	Method	
Facebook	poor security	857,000,000 3
	accidentally published	6,000,000 1
	accidentally uploaded	1,500,000 1

Facebook have been breached a total of 5 time from the year range of [2013,2018-2019].

With poor security being the huge cause of record being phished, there have been no statement of Facebook apologizing or even mentioning to their consumers. They kept it quiet knowing full well that customer have their location, names, phone number, email address and other details were posted on blogs.

Facebook's History