Part 2

Original

A b c d e f g h i j k l m n o p q r s t u v w x y z

Key

K l m n o p q r s t u v w x y z A b c d e f g h i j

I love Cryptography

S vyfo Mbizdyqbkzri

I started the cypher at a=k, and looped through that!

Part 3

Marriot Hotels data breach, 2018

The breach allowed access to over 500 million guests who had made reservation switch Marriot over the previous 4 years. They suspect it was a nation-state who did it, because the initial breach dated back to 2014, and the hackers had slowly been siphoning data.

It's unclear what the tech flaw was, but it is clear that the hacker had access to a database containing names, mailing addresses, encrypted credit cards, passports, and other sensitive info.

Marriot has employed security professionals to fix the issue.