Arguments: Why should I save my data and use a backup?

Below you will find three different scenarios to illustrate the importance of backups and highlight some important aspects when planning a backup strategy. What could have been done to prevent data loss?

1. "Fire destroys leading research institute": On 30 October 2005 a fire broke out at the University of Southampton in the early hours of the morning. A leading computer science research unit was destroyed. It is estimated that the fire caused 50 million pounds of damage. A spokesman said it was where some of the world's most advanced research was conducted and its loss was devastating.
   Source: BBC News. Online available:
   http://news.bbc.co.uk/2/hi/uk_news/england/hampshire/4390048.stm

2. "Encryption Trojan": In 2016, more and more encryption Trojans (also known as ransomware) were sent by e-mail (as office attachments, JavaScript files, packed in zip files). These Trojans encrypt the data of the affected device and demand a ransom for decryption or release. Approximately 5,000 computers were infected per hour with variants of the Ransomware Locky. Among the victims was also the Fraunhofer Institute in Bayreuth.
   Source: heise Online. Online available: https://www.heise.de/security/meldung/Krypto-Trojaner-Locky-wuetet-in-Deutschland-Ueber-5000-Infektionen-pro-Stunde-3111774.html

3. "Lost bag":


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****Please SHARE****Lost bag
containing all my research notes on
laptop and paper. I can't complete my
research masters degree without this –
eighteen months worth of daily
research. Left it on a train arriving at
Charing Cross Saturday 8th July 08:50
ish which became the 09:06 to
Sevenoaks. Black and grey with red
"Swiss" features. I'm ruined if I don't
get it back, please share as widely as
possible! Thank you.
andrewpenson@hotmail.co.uk

03:41 - 8. Juli 2017
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   Source: Twitter. Online available: https://twitter.com/ADPenson/status/883637257323896832