

**91%** of healthcare practices use cloud-based services, yet...

**47%** are not confident in their ability to keep data secure.

**\$12 billion** total cost for US hospitals from data breaches per hospital 2 billion

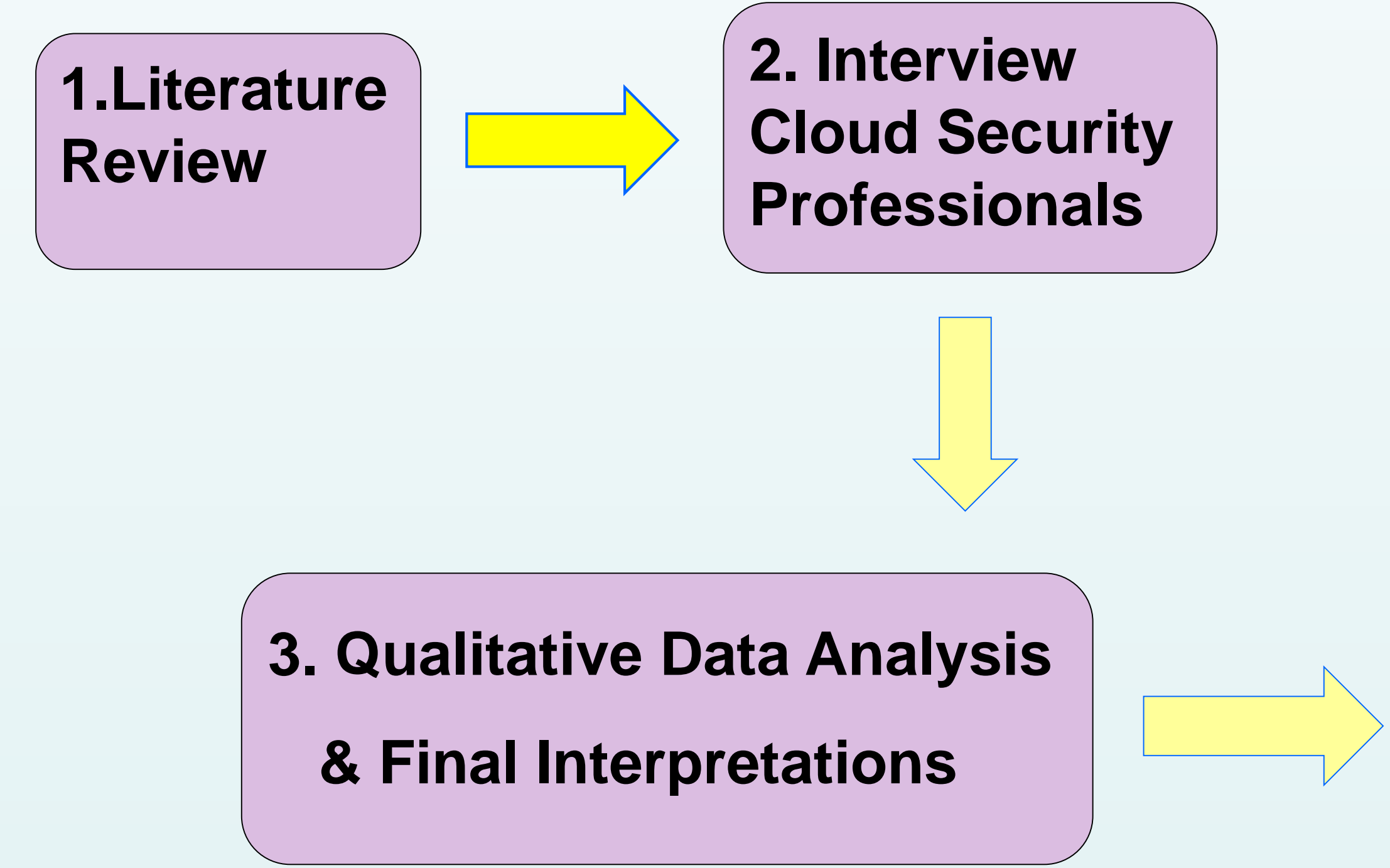
**1,769** lost or stolen records per average breach

**PROBLEM**

**Security concerns of cloud in healthcare:**

- Increased healthcare data breach
- Loss of control over data
- Loss of medical records
- lack of resources around cloud healthcare security framework
- Costly, Slow and Challenging

**RESEARCH METHOD**



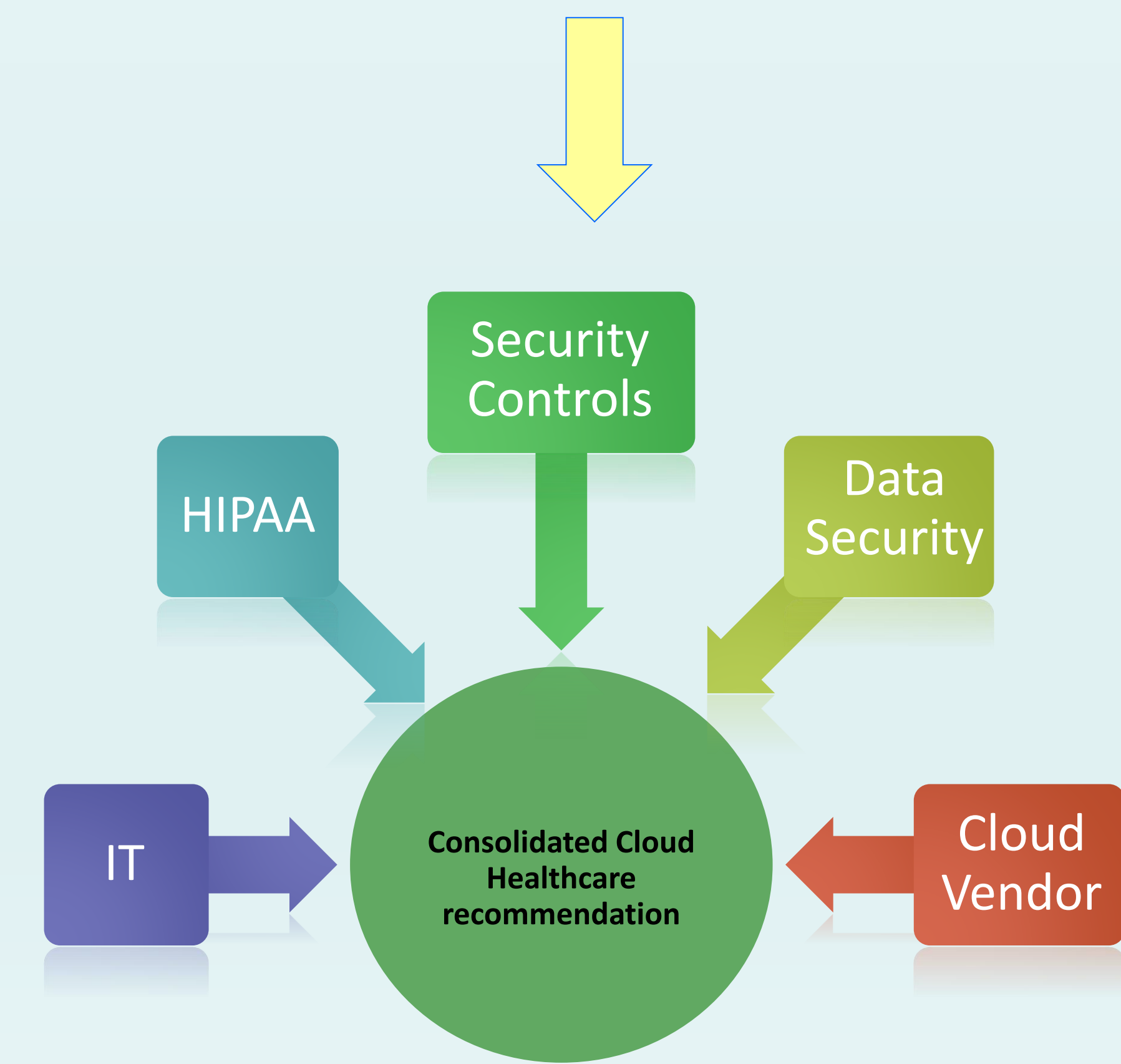
**SOLUTION**

**Potential Solutions to effectively assess and adopt cloud model:**

- Assess current security posture for fit
- In-Depth analysis and selection of cloud vendor
- HIPAA Compliant security controls
- HIPAA Compliant data storage

**IMPACT**

The end goal of this project is to ensure healthcare organizations on the selection of apt cloud service vendor in compliance with HIPAA and relevant logical and physical security controls.



References:

1. Lightedge. (n.d). Diagnosing the Right Cloud Solution for Healthcare Providers. Retrieved from <https://www.lightedge.com/diagnosing-right-cloud-solution-healthcare-providers/>  
 2. CureMD, 2014 May, "HIPAA Security Compliance : How important is it", Retrieved from <http://infographiclist.com/2014/05/17/hipaa-security-compliance-how-important-is-it-infographic-hipaa-security/>