



## **Latest in Audit Software and Data Mining**

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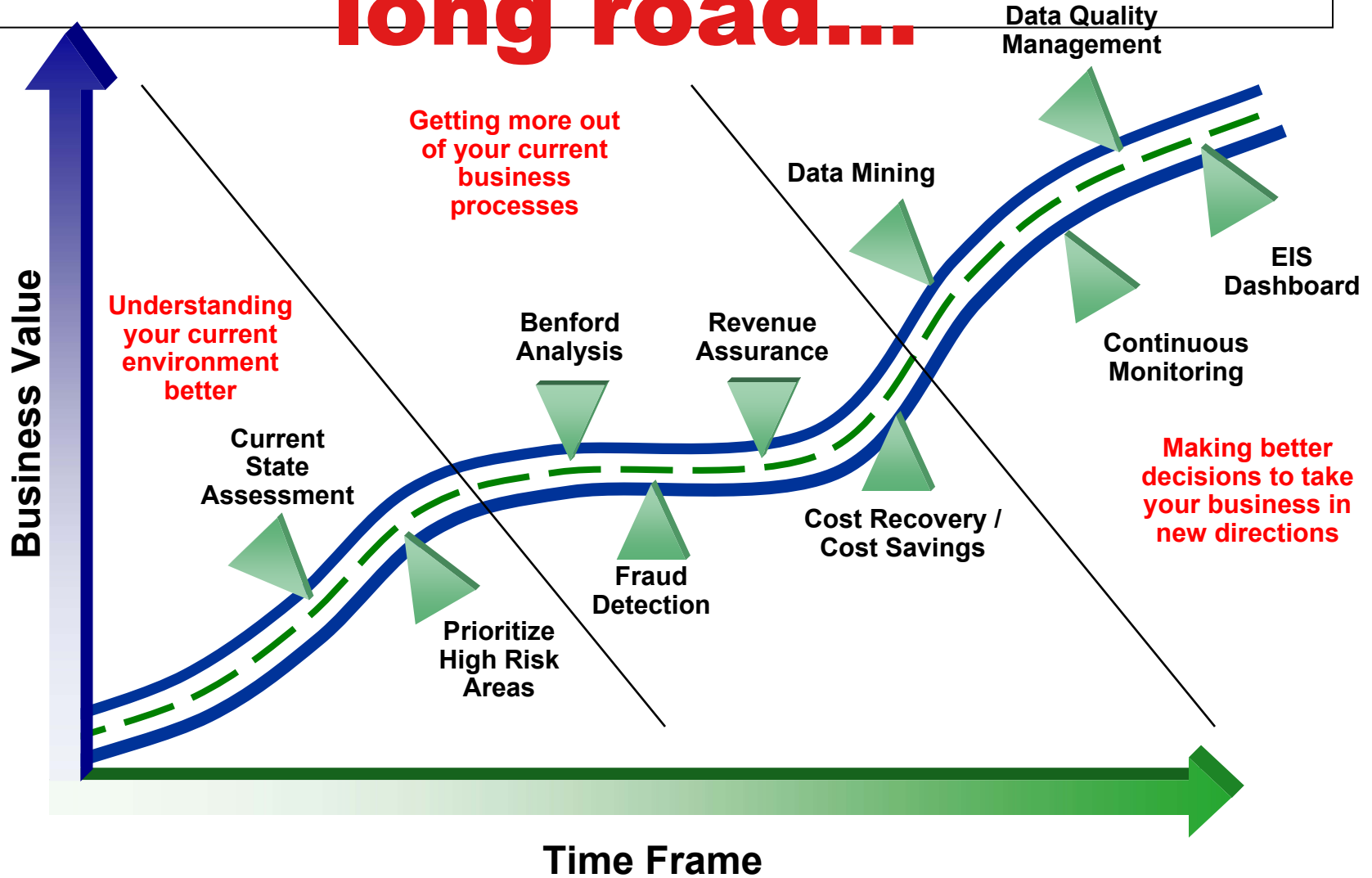
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# Data Analysis: It can be a long road...



# *Need for Audit Software*

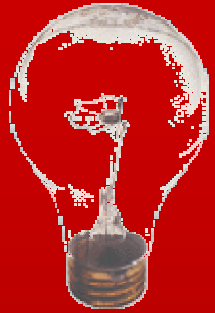


# Ease of Use, Getting Data



# Best Practices for Auddif Software





# First steps

- Develop a bullet-proof business case.
- Apply project management and teamwork principles

It takes top management support and at least two user champions, with stellar support from the software supplier.



# Decision factors

- Computer knowledge, expertise and experience of the auditor
- Availability of suitable audit software and IS facilities
- Efficiency and effectiveness of using audit software over manual techniques
- Time constraints
- Integrity of the information system and IT environment
- Level of audit risk



# Be aware of the expectation gaps

- The Time Gap
  - The amount of time training really takes
  - The amount of time it takes to realize a return on your audit software investment
- The Comfort Gap
  - You may need to give staff members extra encouragement to use new software versus software they are comfortable with.
- Management's expectation versus the employee's expectations.



# Utilization best practices

- Clearly stated and understood objectives
- Advance planning to ensure adequate development lead time
- Effective integration into the overall audit plan
- Knowledgeable staff
- Adequate control standards over both computerized audit logic and conclusions drawn
- Sufficient use to achieve economies of development
- Continuous improvement



# The ~~doctor~~ auditor knows best

You are just as intelligent as anyone in the medical profession – yet you go to the doctor because s/he has more knowledge in their area and better diagnostic tools than you do.

Data extraction and analysis tools are for the professional auditor what lab tests are for the medical professional. Don't your clients deserve the best care you can give them?