Focus on three objectives that will accelerate your journey to AI:  

1. **Increase the scope of your insights**: By incorporating semi-structured and unstructured data into your models, you can expand the breadth of data you can analyze and derive insights from.

2. **Shift to AI-powered modernization**: Moving your data and processes to an open source framework can reduce the risk of vendor lock-in and increase flexibility.

3. **Empower all stakeholders to deliver tangible value**: Leveraging open source solutions can help teams, including business end-users, access data models easily and share them with external sources.

The cost of managing technical debt in large software organizations is estimated to be, on average, 33 Zettabytes (ZB) of storage.

The Global Datasphere will grow from 30 Zettabytes in 2018 to 175 ZB by 2025.

The Temptation of In-House Solutions  

- **Technical debt**: Overinvesting in maintenance and upgrade headaches for your team.
- **Creating more work—and re-work—for your teams**: Can lead to decreased productivity and increased costs.
- **Disappointing your stakeholders**: Who expect full visibility, unique insights, and innovation.

The risk? 

- **Technical debt—overinvest resources in maintenance and upgrade headaches for your team.**
- **It does offer initial flexibility, but also adds manual effort and compliance, governance, and security issues.**
- **Moving your data?**
- **Exploding data volumes**
- **Data continues to grow**
- **You need more time and effort to maintain related legacy systems.**

Do Focus on Modernizing Your Data  

- **Don’t Fall Victim to Inflexibility**: Choosing closed-source tools can make it challenging to catch up.
- **Creating more work—and re-work—for your teams**
- **Competitors—who might have different, more agile models than you—**
- **If you can’t deliver value quickly, you’ll open the door for your competition**
- **If you have the right people, processes, and technologies, there’s still a good chance you’ll be left behind.**

Instead of wasting resources and cycles stitching together ad-hoc solutions, you need to focus more on modernizing your data to accelerate business impact.

The use of managed cloud data in large software organizations is estimated to be, on average, 25% of the whole development cost.

It’s no surprise that Gartner predicted that only 20% of analytic insights will deliver business outcomes by 2020.

© Copyright 2019, Cognizant. All rights reserved. No part of this document may be reproduced, stored in a retrieval system, transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the express written permission from Cognizant. The information contained herein is subject to change without notice. All other trademarks mentioned are the property of their respective owners.