

AUDITING THE BIG PICTURE

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The banner features a dark blue background with a network of glowing blue lines and nodes. The text is white and blue. The main title 'CCITAGS' is in large, bold letters, with 'CC' in blue and 'ITAGS' in white. Below it, the subtitle 'Canadian Conference on IT Audit, Governance and Security' is in white. To the right, the dates 'April 2-4, 2019' and the location 'The Globe and Mail Center Toronto' are in white. At the bottom, there are three logos: the IIA Toronto Chapter logo, the IIA Canada logo, and the CPA Canada logo.

CCITAGS
Canadian Conference on IT Audit,
Governance and Security

April 2-4, 2019
The Globe and Mail Center
Toronto

 The Institute of
Internal Auditors
Toronto Chapter

 The Institute of Internal Auditors
L'Institut des auditeurs internes
Canada

 **CPA** CHARTERED
PROFESSIONAL
ACCOUNTANTS
CANADA

Agenda

1. Falling into the “Trap”

- Are checklists your best friends?

2. Avoiding the pitfalls

- Dynamic Risk Assessments & Effective Scoping

3. Evolved Approaches and Emerging Tools and Techniques

- How can you best tackle your Big Picture?

It's a trap!

Audits can no longer be a simple checklist exercise

Doing the same thing you did last year, and the year before, gives you a false sense of security that leaves you vulnerable to evolving risks



Rote exercises are rarely a source of value-added audits

- Get out of your comfort zone
 - Do more than re-perform repetitive compliance-centric audits
- Balance “what’s required” with anticipated needs
 - Finance-centric audits have their place, but don’t ignore the rest of the business
- Looking at last year’s file is the ultimate trap
 - Just because it worked last year, doesn’t mean it’ll work this year, since risks keep changing

Where's the value-add?

Does your client appreciate the fact that there are fourteen signoffs on your audit closure form? How does that help them improve the business?



Take that checklist, and **revise it!**

Challenge how audits are planned and delivered to stay relevant: focusing on **fundamental audit principles** will help you get there.



A checklist helps you ensure a core set of steps is followed

- It must be updated regularly
- Users must understand the purpose of its steps
- If most fields are being marked, "N/A," it's a sign that your checklist is no longer relevant

Rethink your audit plan

Are you taking care of the basics: providing risk-based and objective assurance?



“We’ll accomplish the next 5 year plan in 3 years!”

- Creating inflexible 3 to 5 year plans can overlook emerging risks
- Your stakeholders will likely evolve and change during this span of time.
- Ensure your plans, regardless of the horizon, are flexible enough to accommodate emerging risks, while providing enough structure to allow for long-term planning with the right complement of resources
 - It’s easier to borrow specialists from across your organization when needed when you’re considered a trusted advisor

Escape the Ivory Tower of Audit

Audit can't operate in isolation. Business partnering with your clients is important. Are you your client's trusted advisor?



Strong partnering: a relationship where the team feels like you're an important player in the success of a project or program.

- It's more than having checkpoint meetings during each audit stages.
- Being looked upon as a trusted advisor and not a 'necessary evil.'
- You know Partnering is working well when you're fielding calls for help more often than you're reaching out to start performing audits
 - Strong relationships lead to better information sharing between your team and those of the clients you serve
 - You all benefit from having a more robust grasp of the Big Picture

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Keeping Risk Assessments Fresh

How often do you perform your risk assessments?

Do you update them at mid-year?

Do you revise them at all?



The rest of the business will have most of the answers

- Collect information from clients: what keeps them up at night
- Stay abreast of emerging risks and developments in the marketplace to be able to brief your client
- Coordinate presentation of risk models with your in-house Enterprise Risk group to ensure your definitions and terminology are consistent

It's all about the scope

Having secured buy-in with executives, ensure Line of Business managers also understand the logic supporting your audit engagement.



Considerations:

- Determine which business units need to be involved in scoping exercises
- A unit that has never been audited may be especially wary of your presence
- Teams subject to many audits may suffer “audit fatigue”, **coordinate accordingly**

Getting the right mix of skills

Improve your audit function by ensuring your skillset addresses your broad range of key risks, not just financial concerns



A little encouragement goes a long way

- Encourage them to learn about emerging technologies and techniques
- Seek out a balanced team that has a diversity of perspectives and experiences
- Limiting your team to financial auditors may be self-defeating
- Leverage or create rotations to capture your organization's range of talents
- Build relationships across the organization at all levels

Key considerations for success

Whether you're reviewing in-house systems or outsourced processes, there are ways to make your life easier



Read The Fabulous Manual

- Find all Work Instructions and Design Documents you can in advance of client meetings to familiarize yourself with the system you're assessing.
- You'll rarely know more than the client, but showing you've done your homework goes a long way.

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Visual analytics: from reporting to insights

A thorough discussion of analytics would require a full session of its own



Considerations for running an effective analytics function

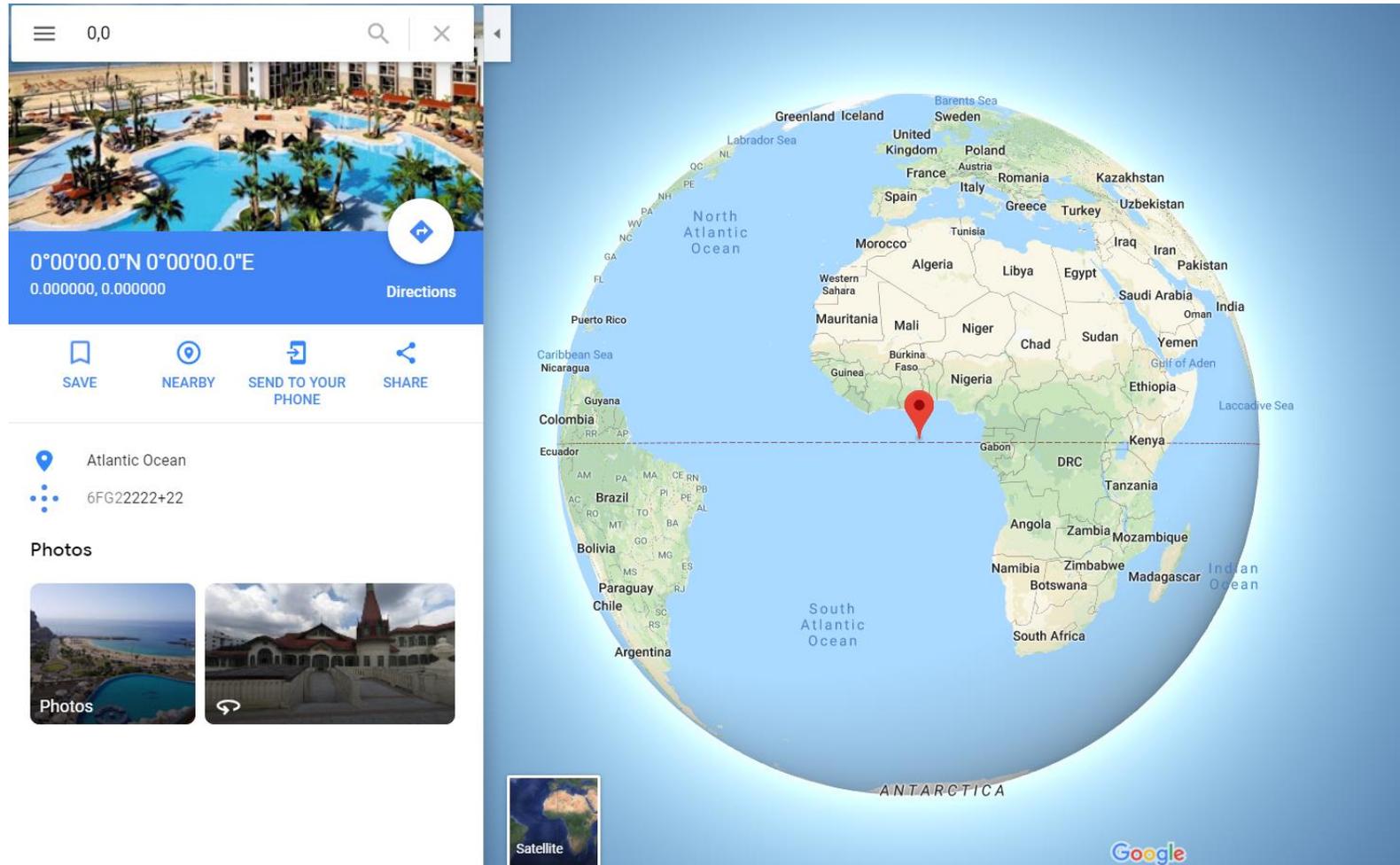
- The visual impact of a good graphic conveys a significant finding in a visceral manner which gets lost in a wall of text

Considerations for performing analytics

- Ensure you can obtain a full copy of your data set
- Learn how to identify whether your data is structured or unstructured

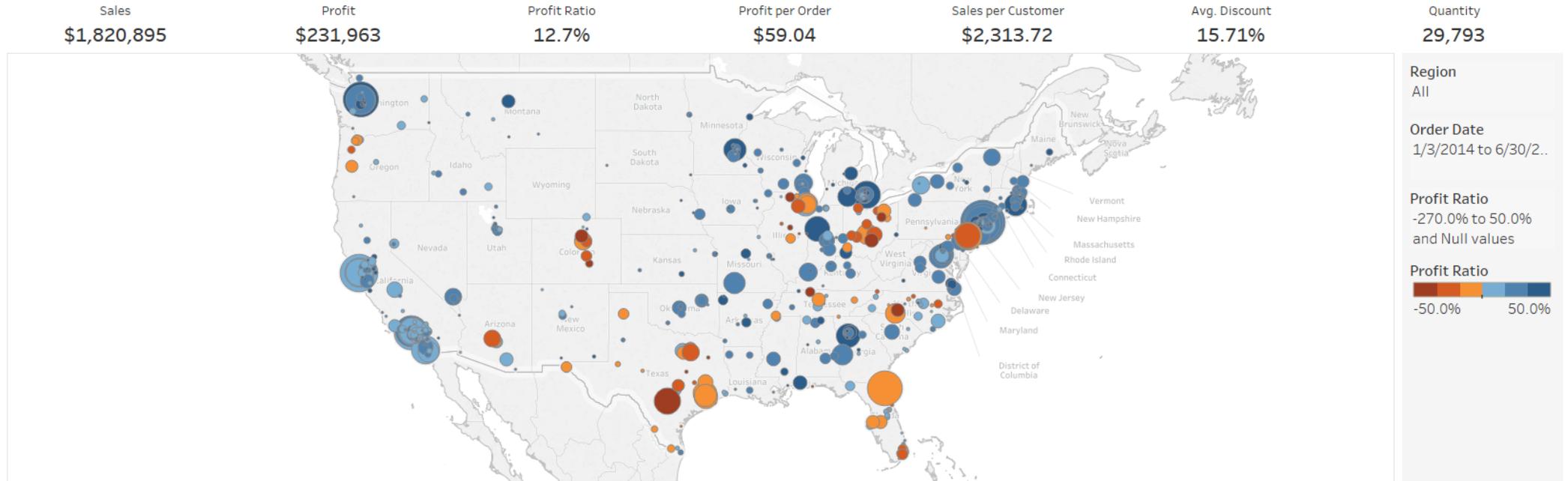
Ensure you have quality data

Valuable assets with incorrect default GPS coordinates

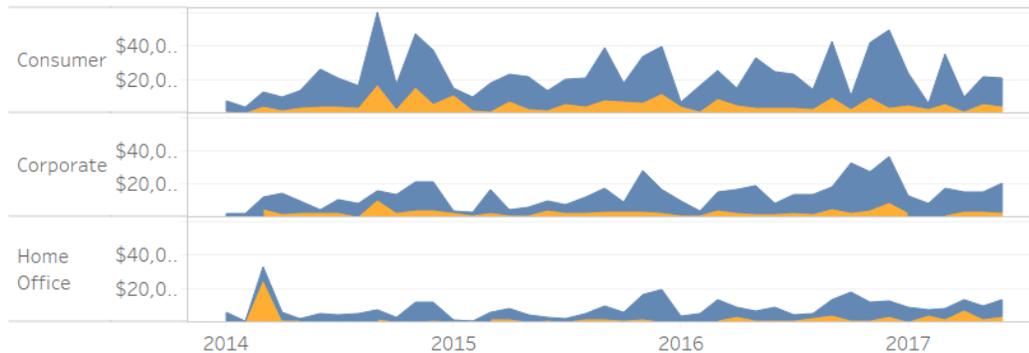


Visual Analytics: The outliers come to you

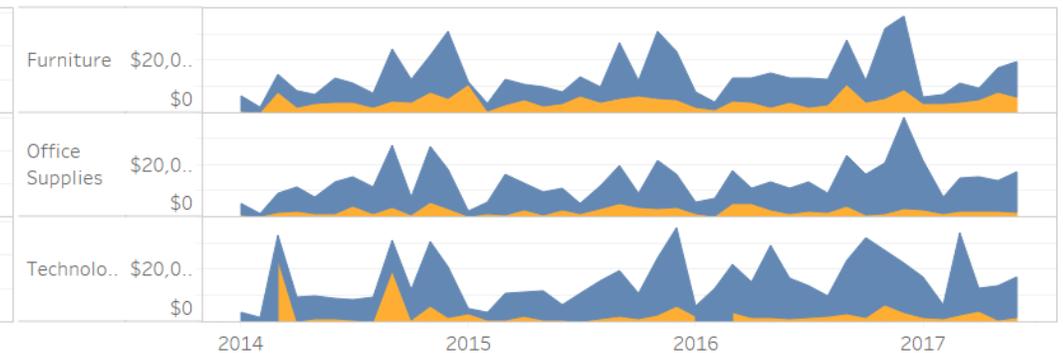
Executive Overview - Profitability (All)



Monthly Sales by Segment - States: All



Monthly Sales by Product Category - States: All



Special cases: system implementation

Implementation of new systems or conversion projects



Common risks and preparation ideas

- Ensure users are adequately trained on a new system before the “go live” date
- Hoping they will “learn it as they go” is a recipe for disaster
- Do not take the project team’s word for it: assess users directly
- Assess the state of your data
- When moving to a new system, determine if the conversion has been well planned.
- A data conversion audit can help flag potential problems before go-live, and will give the business peace of mind if it has been performed effectively