

Leveraging Automation and Data Analytics for Impact and Influence

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Introductions



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Company Background

What would you like the power to do?®

At Bank of America, we ask this question every day of all those we serve. It is at the core of how we live our values, deliver our purpose, and achieve responsible growth.

Our values

- Deliver together
- Act responsibly
- Realize the power of our people
- Trust the team

Our purpose

To help make financial lives better, through the power of every connection

Responsible growth

- We must grow and win in the market — no excuses
- We must grow with our customer-focused strategy
- We must grow within our risk framework
- We must grow in a sustainable manner

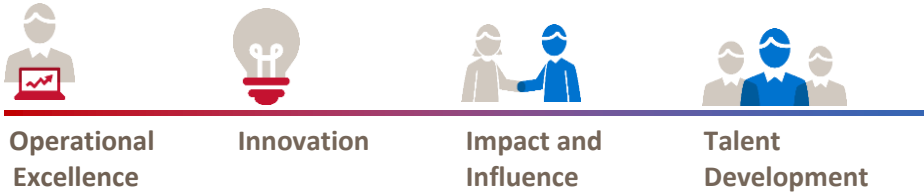
Eight lines of business

Serving the core financial needs of people, companies and institutional investors through eight lines of business



Corporate Audit Background

Strategic Priorities:



Where We Are:

- Bank of America has more than 950 Corporate Audit employees in countries across the world
- Ensures global coverage across US and Canada; Europe, Middle East and Africa; Asia Pacific; and Latin America regions

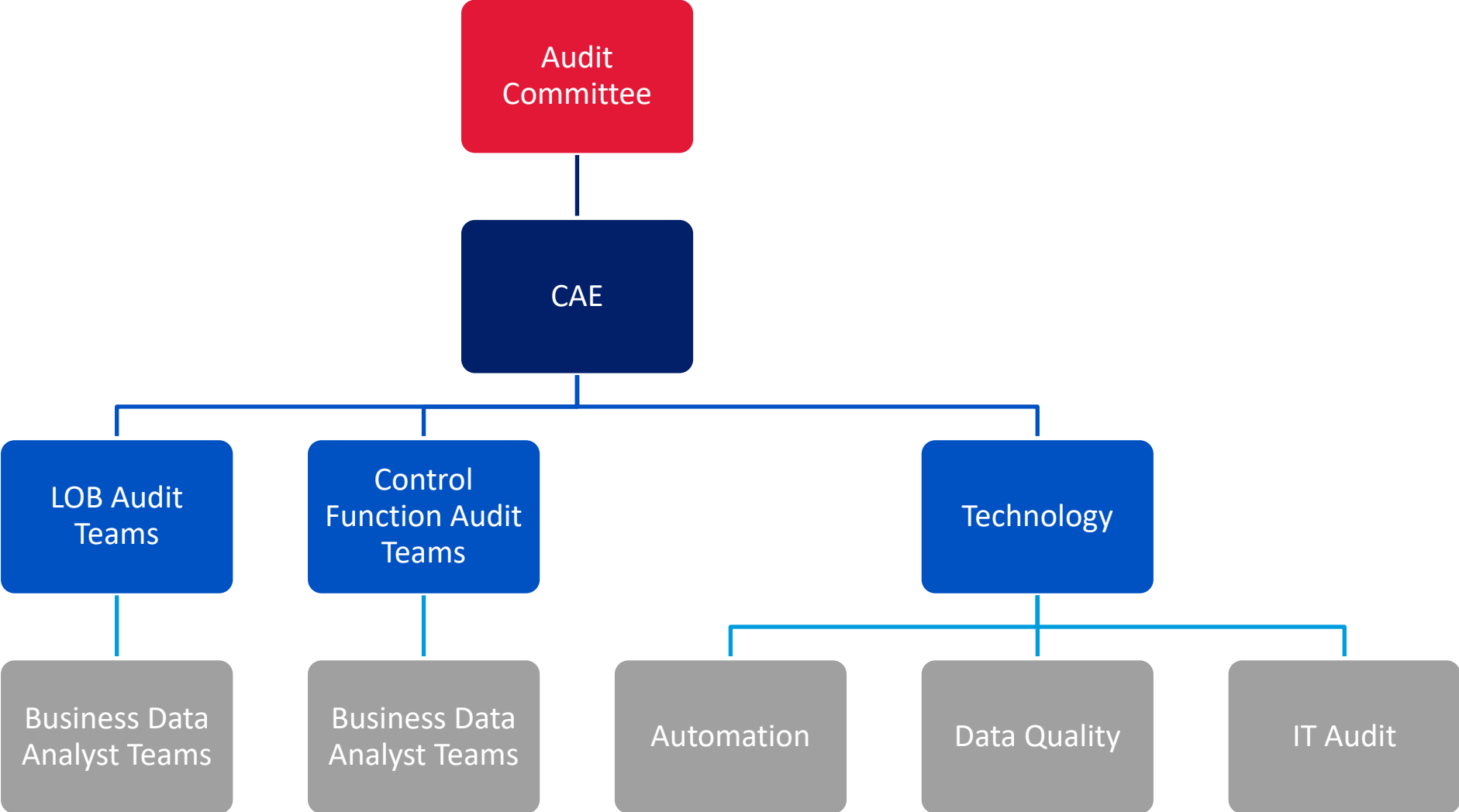


Countries with Audit Employees



Audit Organizational Structure

Three groups are actively involved in building a cohesive automation program. The graph below depicts their high-level responsible areas:



AUTOMATION PANEL DISCUSSION



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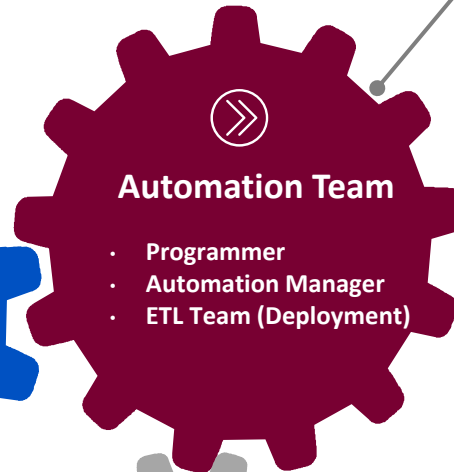


Automation Overview

Three groups are actively involved in building a cohesive automation program

Business Audit and Business Data Analyst

- Identify new automation opportunities
- Submit automation opportunities
- Confirm development priority
- Review Results
- Monitor and Maintain



Automation Team

- Support Business Audit Team
- Assigns SMEs
- Build / update automated tests
- Provide results to business audit team
- Perform test recertification and maintenance
- Deploy recurring automated tests



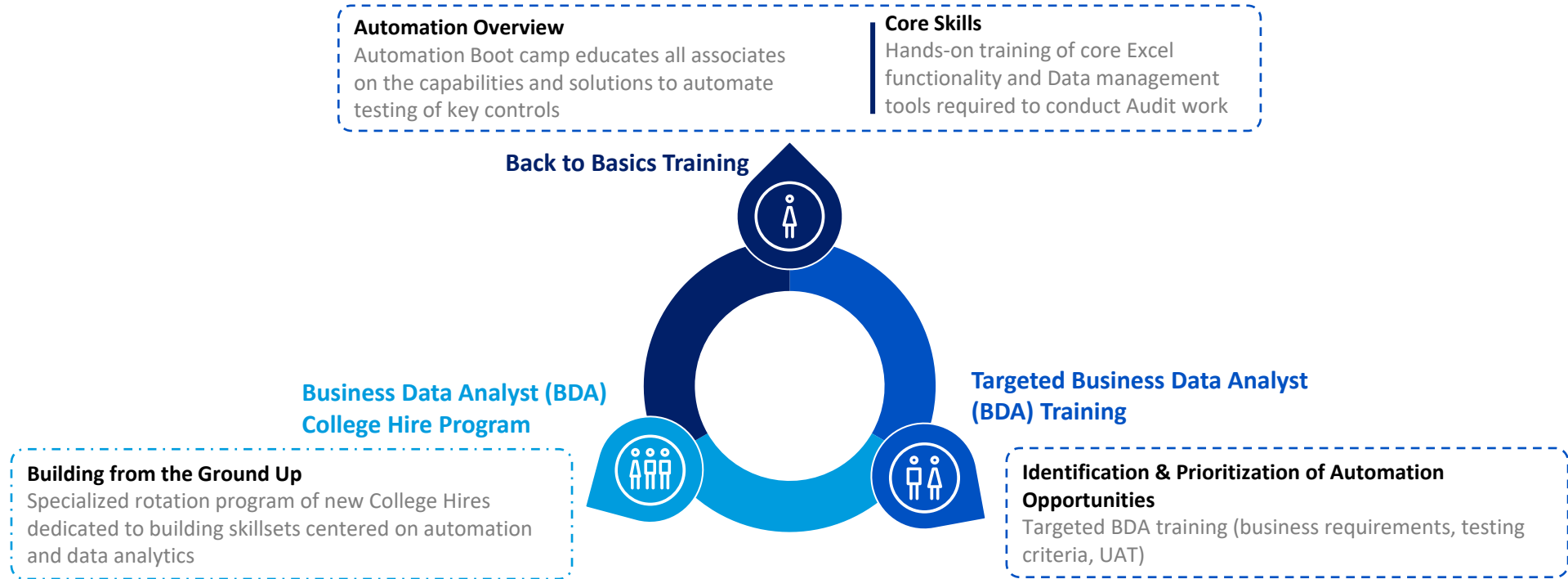
Data Quality

Provide insights and consulting services on data quality



Skillsets and Training

Training and rotational programs provide our auditors with the building blocks to successfully and independently use the tools, templates and enabling technology that facilitate our automation operating model



Automation in Action

Ongoing identification of **impactful**, proactive automation opportunities through **multiple channels**



VALUE

Depth of Coverage

- # of key controls covered and % coverage
- Tied to issues or rules/regulations
- Expected increase in depth of coverage

Operational Improvement

- One time vs. continuous test
- Portability / reusability of code



COMPLEXITY

Data and Technology

- Number and type of systems
- Systems access requirements
- Access to third party data
- Anticipated development hours

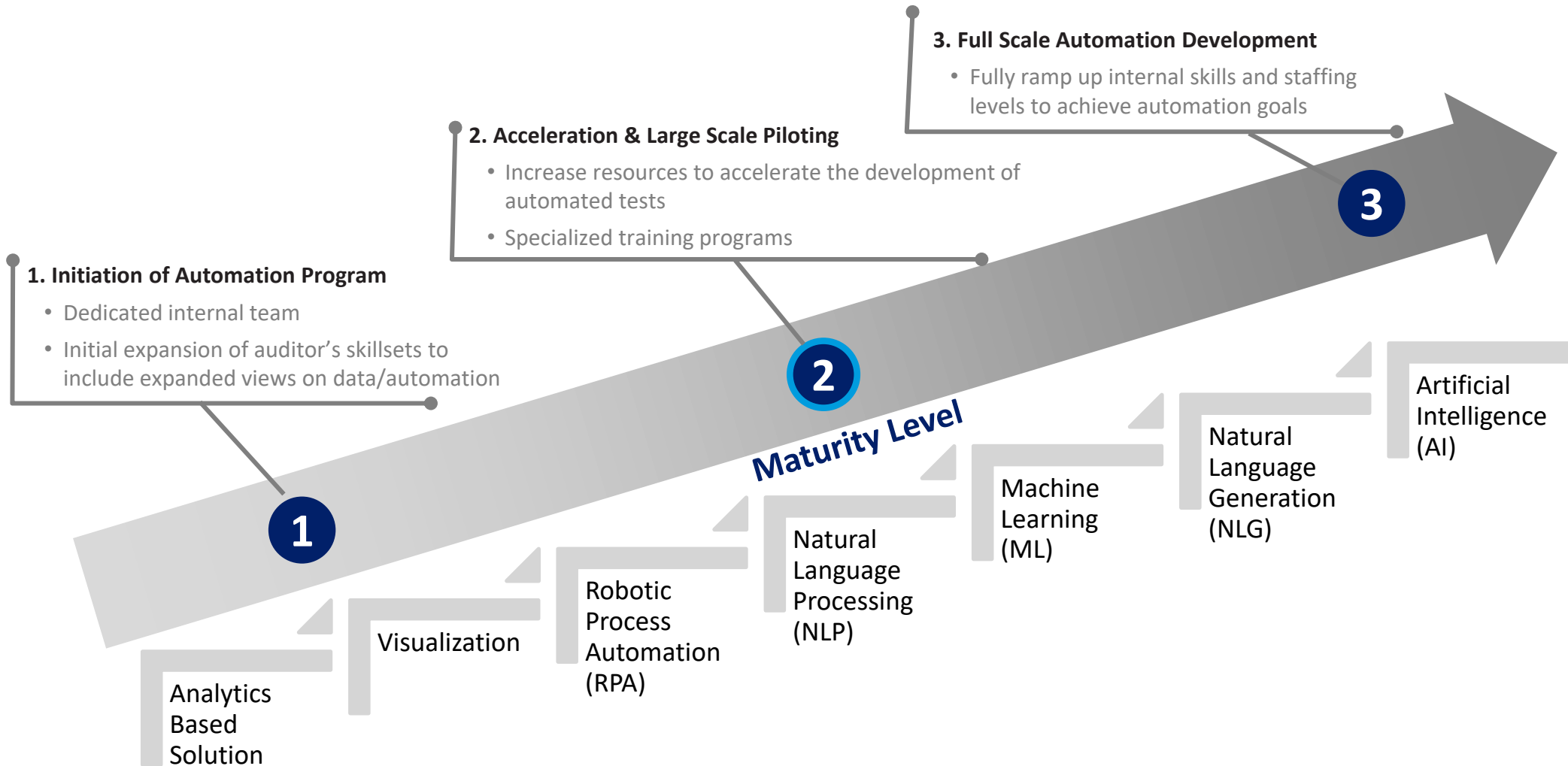
Other Items for Consideration

- Pending systems or data source changes
- Pending process changes



Automation Journey

Focused effort to increase development capacity and training opportunities to advance automation capabilities



WRAP UP



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