

Code4z and Gen AI



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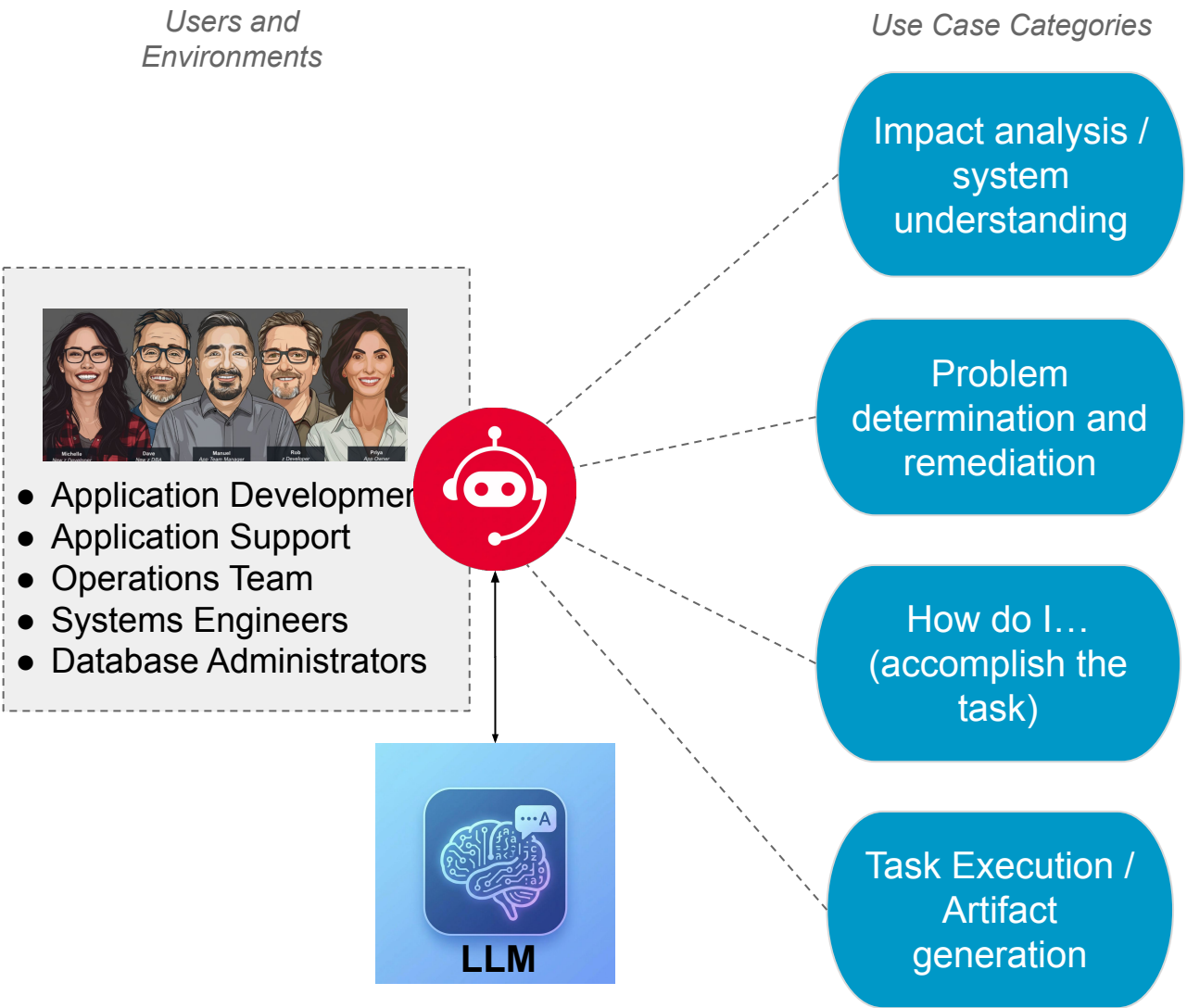


Broadcom Mainframe POV on AI Adoption

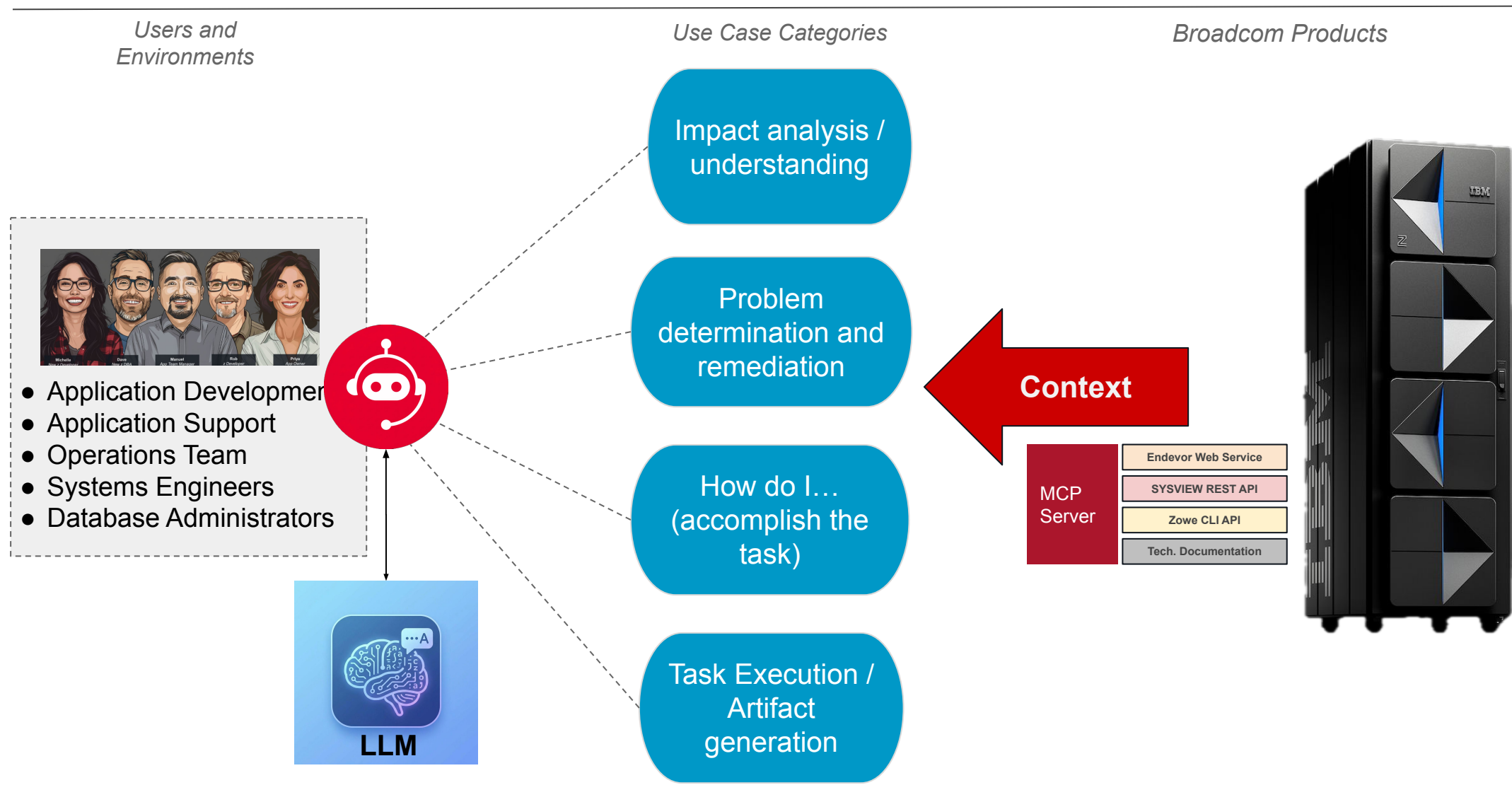
- An extension to your modernization journey
- Secure, compliant, and well-governed AI with Enterprise data is table stakes
- Open architecture and standards enable future proofing of AI investments
- Strategic focus on the right use cases with discrete outcomes



High Level Use Case Categories

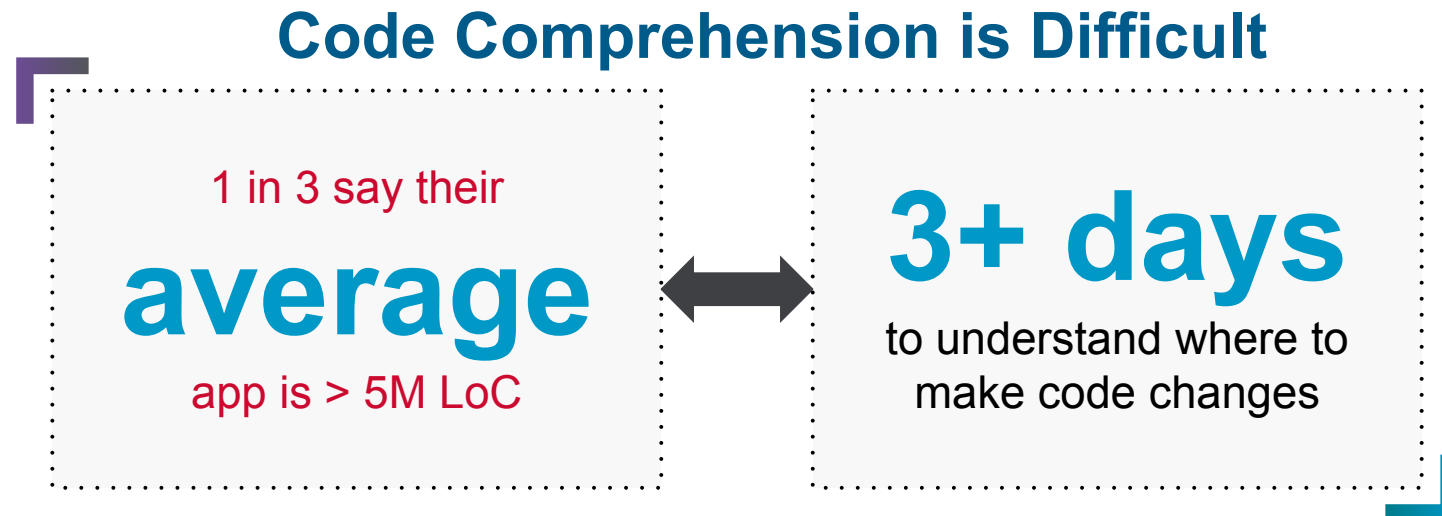


High Level Approach



The Reality of Modern Development

- Complex code bases
- Outdated tools
- Dwindling access to the experts



 **GitHub Copilot**

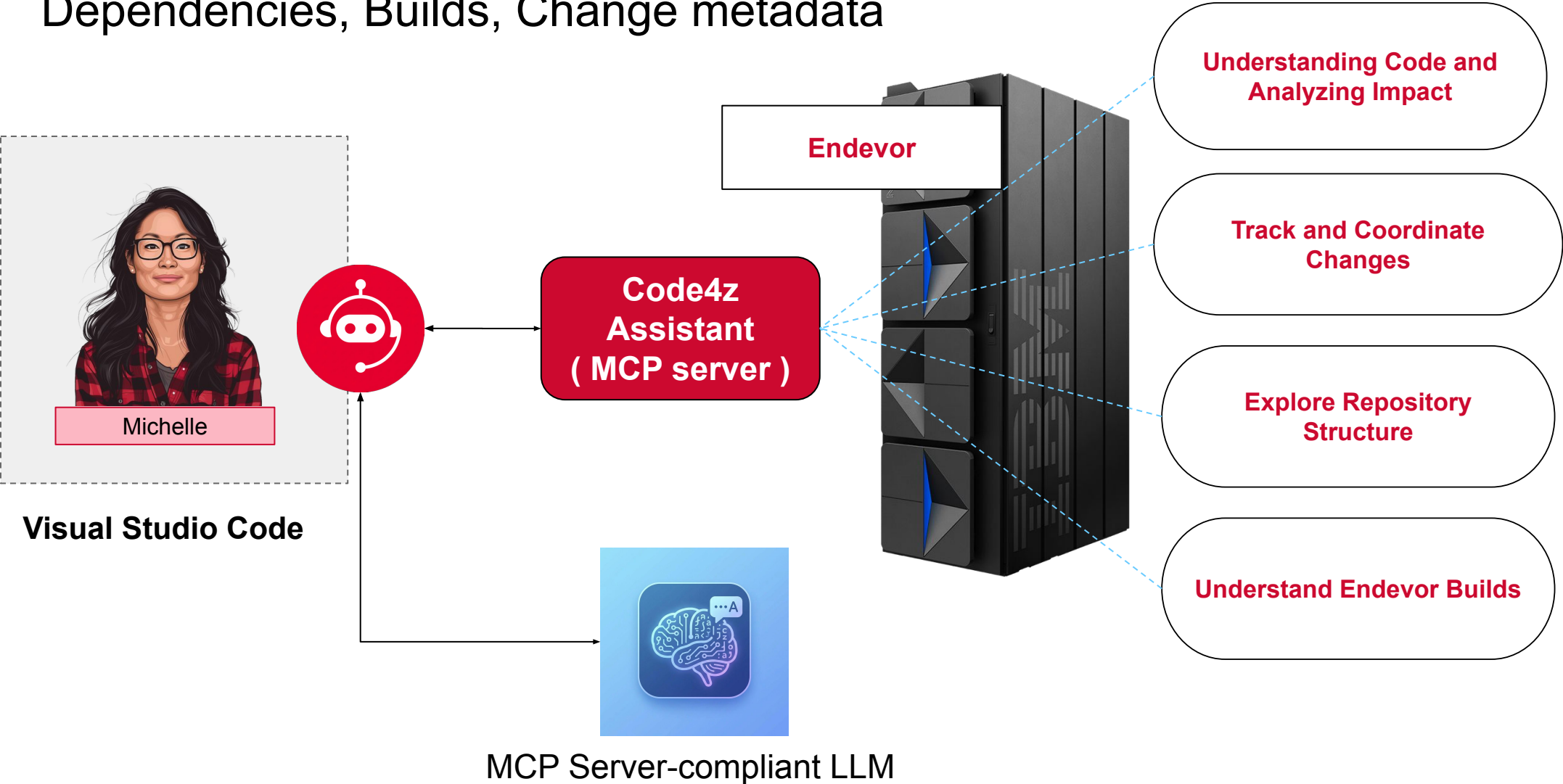
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 **Code4z**



Broadcom Application Understanding Beta

Dependencies, Builds, Change metadata



Use Case: Understanding Code and Analyze Impact

Understand recent code modifications using change history

- Explain the business logic implemented in LGAPDB01
- What are the dependencies of LGAPDB01?
- Will a change to LGCMAREA affect upstream modules, downstream modules, or both?
- What impact does a change to CA-REQUEST-ID in LGCMAREA have on modules which use this variable?
- Display the content of the element LGCMAREA



Use Case: Track and Coordinate Changes

Understand recent code modifications using change history

- Who is working on LGAPDB01 and where?
- What was the last modification to LGAPDB01 in the PRD environment?
- Display a list of users who made changes to LGAPDB01 in the PRD environment in the last 12 months.



Use Case: Explore Repository Structure

Systematically explore and map the hierarchical structure of your Endeavor repository from the top-level environments to specific elements

- Show me all environments in Endeavor
- Show all systems under the PRD environment
- What types are used in the GENAPP10 system in the PRD environment?
- Show all COBPGM elements in the GENAPP10 system in the PRD environment
- What other environments does LGACBD02 exist in?



Use Case: Understand Endeavor Builds

Prepare to build the element LGAPDB01 after you change the code, and diagnose any errors that might occur during the build process.

- What compiler and linker options are used in the processor group for the element LGAPDB01?
- Describe the build process associated with building LGAPDB01
- At what stage did my build of LGAPDB01 fail?



Demo Use Cases

- Understanding Code and Analyze Impact
- Track and Coordinate Changes
- Explore Repository Structure
- Understand Endeavor Builds

Try it out here @ Code4z Hands-on Workshop



BYOD Lab: Code4z Hands-on Workshop: Bring your Laptop!

- **Date:** February, 25. Wednesday
- **Location:** Salon 24
- **Timings:** 8 to 10:15 am and 1:15 to 5 pm. EST timezone
- Register for workshops with the QR code to get a User ID allocated to you
- **Note:** You can register before or during the actual session timings listed above. This is an all day workshop. Participants can walk in during any of the time listed above and do the hands-on lab. All you need is a browser. We offer limited chromebooks for participants with no device.

**** Participants get a Code4z T-shirt or a Hat ****



Questions?

Technical Education Direct from the Experts

In-Person

European MTE
Prague, Czech Republic
Apr. 21-23, 2026

Virtual

Virtual MTE
Held Virtually
June 23-25, 2026

In-Person

North American MTE
Plano, TX
Oct. 20-22, 2026

Join a Mainframe Technical Exchange

- Network with peers and Mainframe technical experts
- Participate in technical how-to sessions and hands-on workshops, hear product updates, provide feedback
- No registration fee!



"The event covered all the relevant topics, and the content was amazing. The hands-on experience was also a good way to get actual experience with the tools."

Senthil Mathur, Manager, Accenture



Your feedback is important!



Submit a session evaluation for each session you attend:

www.share.org/evaluation



Thank You

