**Activity 1: EA Framework Comparison – Zachman vs TOGAF**

**Description:**  
This activity compares two enterprise architecture frameworks—Zachman and TOGAF—in terms of their strengths, weaknesses, support for AI integration, and use case scenarios.

Sure! Here's the **comparison between Zachman and TOGAF** frameworks presented in a **clear, list format** for easy inclusion in Word documents, slides, or reports:

## ****EA Framework Comparison – Zachman vs TOGAF****

### ****1. Zachman Framework****

* **Strengths:**
  + Highly structured and well-defined
  + Clear classification of enterprise architecture components
  + Excellent for documentation and reference
* **Weaknesses:**
  + Very rigid and static
  + Not methodology-driven
  + No implementation guidance or process model
* **AI Integration:**
  + Limited direct support for AI technologies
  + Requires custom extensions or overlays to support modern tech like AI/ML
* **Use Case Scenario:**
  + Ideal for government, defense, or compliance-heavy sectors
  + Useful where traceability and structured documentation are critical

### ****2. TOGAF (The Open Group Architecture Framework)****

* **Strengths:**
  + Process-oriented with a strong methodology (ADM - Architecture Development Method)
  + Modular, flexible, and customizable
  + Widely adopted with extensive community support
* **Weaknesses:**
  + Can be complex to learn and apply
  + Steep learning curve, especially for beginners
  + Requires tailoring to fit specific organizations
* **AI Integration:**
  + Strong support for AI and digital technologies
  + Includes detailed layers: business, data, application, and technology
* **Use Case Scenario:**
  + Ideal for large-scale enterprises undergoing digital transformation
  + Common in telecom, banking, and IT companies building end-to-end AI systems
* Clear classification of enterprise elements
* Good for documentation | - Rigid and static
* Not methodology-driven
* Lacks implementation guidance | - Limited AI support
* Needs extensions for modern technologies | - Government/defense systems
* Where structure & documentation are critical |  
  | **TOGAF** | - Process-oriented with ADM
* Modular and flexible
* Large community support | - Can be complex
* Steep learning curve | - Strong AI integration support
* Covers all architecture layers | - Large enterprises
* Banking, telecom, corporates |