



# KPMG Capstone Weekly Update

2024.04.10



# Update

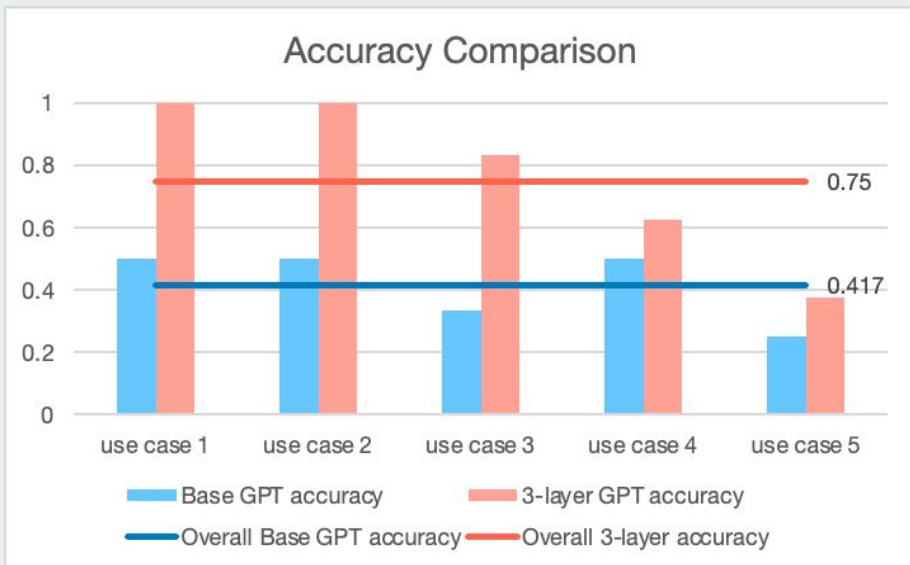


<https://capstone-kpmg-chatbot.streamlit.app/>

1. Classification Tool: classify user prompt into three categories
  - ChitChatTool: “Hi, how are you?”
  - IntroductionTool: “What can I do with this chatbot?”
  - ExtractionTool: Our original tool that extracts information from Neo4j
2. Guardrail (In progress)
  - Nvidia - NeMo Guardrails
3. Synonym & Case Insensitivity
  - model\_382569, MODEL\_382569, Model\_382569 are equivalent
  - e.g., target variables, target, response variables all mean output columns
  - What is the target variable of MODEL\_782951116

# Automatic Testing Pipeline

## 1. Accuracy



## 2. Hugging Face: bge-m3

