



After adopting Transformer-based MT, by how much did GlobeTech reduce translation-related complaints?



91%



- ☐ 0.4
- ☐ 0.5
- ☐ 0.3
- ☒ 0.2 ✖
- ☐ 0.1

The correct answer is: 0.4

Question 5

1.00/1.00

The attention mechanism in Transformers allows the model to focus on what?

- ☐ The middle part of the input sentence
- ☒ Different parts of the input sentence ✔
- ☐ The graphics embedded in the text
- ☐ The beginning of the input sentence
- ☐ Different parts of the output sentence

The correct answer is: Different parts of the input sentence

Question 6

1.00/1.00

How did Transformers improve GlobeTech's scalability issue for new languages?

- ☐ Implemented rule-based systems
- ☐ Introduced RNNs
- ☐ Used Gradient Boosting
- ☒ Leveraged pre-trained models like BERT and GPT ✔
- ☐ Introduced LSTM

The correct answer is: Leveraged pre-trained models like BERT and GPT

Question 7

1.00/1.00

Why did GlobeTech's product descriptions sound off with earlier MT models?

- ☐ They lacked interactive elements
- ☐ They lacked graphics
- ☒ Struggled with contextual meaning, especially with long sentences ✔
- ☐ They were too short
- ☐ They had many hyperlinks

The correct answer is: Struggled with contextual meaning, especially with long sentences



Question 8

1.00/1.00

What unique aspect is GlobeTech exploring to further enhance translations using Transformers?

- ☐ Enhancing graphics quality
- ☒ Offering translations considering regional dialects and nuances✓
- ☐ Using sentiment analysis on translations
- ☐ Improving voice recognition quality
- ☐ Reducing translation time further

The correct answer is: Offering translations considering regional dialects and nuances

Question 9

1.00/1.00

How did GlobeTech offer real-time customer support in multiple languages?

- ☒ Integrating Transformer-based MT into their chatbots✓
- ☐ By hiring multilingual agents
- ☐ Using rule-based translations
- ☐ Using Recurrent Networks
- ☐ Using CNNs

The correct answer is: Integrating Transformer-based MT into their chatbots

Question 10

1.00/1.00

Why can we say that Transformers brought a paradigm shift in machine translation?

- ☐ They introduced new hardware requirements
- ☐ They integrated voice translations into all platforms
- ☐ They changed the way websites were designed
- ☐ They made MT completely manual
- ☒ They made translations context-aware and faster✓

The correct answer is: They made translations context-aware and faster

Question 11

1.00/1.00

What was a major challenge faced by GlobeTech in their previous MT methods?

- ☐ Speed
- ☒ Contextual Translation✓
- ☐ Interactivity



- Graphics
- Real-time Voice Translations



The correct answer is: Contextual Translation



91%



Question 12

1.00/1.00

How did the processing capabilities of Transformers affect GlobeTech's translation time?

- Made it slightly faster
- Had no effect
- Reduced it drastically✓
- Increased server costs
- Made it much longer

The correct answer is: Reduced it drastically

Question 13

1.00/1.00

What unique mechanism in Transformers aids in understanding context?

- CNN layers
- Dropout
- Self-attention✓
- Backpropagation
- LSTM cells

The correct answer is: Self-attention

Question 14

1.00/1.00

What technology does GlobeTech plan to integrate with Transformers for customer support in the future?

- Gesture recognition
- Image recognition
- Text summarization
- Augmented reality
- Voice recognition✓

The correct answer is: Voice recognition

Question 15

1.00/1.00



91%



Combining voice recognition and Transformers will help GlobeTech offer what?

- ☐ Voice-activated games
- ☐ Music recommendations based on voice searches
- ☐ Voice-activated animations
- ☐ Voice reminders for products
- ☒ Real-time voice translations for customer support ✓

The correct answer is: Real-time voice translations for customer support