For IT domain:

"inputs": "Replace with sentence below"

- "Traditional approaches to data management such as"
- "A second important aspect of ubiquitous computing environments is"
- "because ubiquitous computing is intended to"
- "outline the key aspects of ubiquitous computing from a data management perspective."

n [5]:
```
payload = {
    "inputs": "Traditional approaches to data management such as",
    "parameters": {
        "max_new_tokens": 64,
        "top_p": 0.9,
        "temperature": 0.6,
        "return_full_text": False,
    },
}
try:
    response = predictor.predict(payload, custom_attributes="accept_eula=true")
    print_response(payload, response)
except Exception as e:
    print(e)
```

```
Traditional approaches to data management such as
>  data warehousing, data marts, data virtualization and data federation have been around for some time, but they have not been
widely adopted.
This paper discusses how to use data virtualization to integrate data from a variety of sources, including data warehouses, dat
a marts,

==================================
```

In [9]:
```
payload = {
    "inputs": "Traditional approaches to data management such as",
    "parameters": {
        "max_new_tokens": 64,
        "top_p": 0.9,
        "temperature": 0.6,
        "return_full_text": False,
    },
}
try:
    response = finetuned_predictor.predict(payload, custom_attributes="accept_eula=true")
    print_response(payload, response)
except Exception as e:
    print(e)
```

```
Traditional approaches to data management such as
> [{'generated_text': " relational databases and data warehouses are no longer sufficient to meet the needs of today's business
es.\nThe increasing volume of data, the velocity at which it is generated and the variety of data sources are forcing businesse
s to rethink how they manage their data.\nThe cloud offers a vi"}]

==================================
```

Do the outputs from the fine-tuned model provide domain-specific insightful and relevant content? You can continue experimenting with the inputs of the model to test it's domain knowledge.

Use the output from this notebook to fill out the "model fine-tuning" section of the project documentation report

After you've filled out the report, run the cells below to delete the model deployment

`IF YOU FAIL TO RUN THE CELLS BELOW YOU WILL RUN OUT OF BUDGET TO COMPLETE THE PROJECT`

In [15]:
```
finetuned_predictor.delete_model()
finetuned_predictor.delete_endpoint()
```

```
INFO:sagemaker:Deleting model with name: meta-textgeneration-llama-2-7b-2024-03-31-16-13-19-530
INFO:sagemaker:Deleting endpoint configuration with name: meta-textgeneration-llama-2-7b-2024-03-31-16-13-19-522
INFO:sagemaker:Deleting endpoint with name: meta-textgeneration-llama-2-7b-2024-03-31-16-13-19-522
```