

TRAINING THE MODEL WITH XCEL SHEET:

1)Trained with Giving input as unformatted manner:

input:```I have root cause "Replace the DCV assembly and maintain the water level " what is key for this cause based on the above table```

Excepted output: [Discharge check valve (DCV)

the issue may be related to the DCV assembly. On the other hand, if the product is a washing machine and the water level drops significantly, then maintenance of the water level may be necessary.

In any case, I can help you identify the key factor and provide additional assistance based on your specific needs and queries. Let me know if you need any further help!

' Hello! I am the chat assistant for Elgi. Based on the given table, I can help you understand the key factors that may be causing the issue "Replace the DCV assembly and maintain the water level" in the context of the Elgi products. \n\nThe table indicates that there are two possible causes for this issue: either the DCV assembly needs to be replaced or the water level needs to be maintained. To determine which is the key factor, we need more information about the specific product and its symptoms. \n\nFor example, if the product in question is a refrigerator, and it suddenly stops cooling completely, then the issue may be related to the DCV assembly. On the other hand, if the product is a washing machine and the water level drops significantly, then maintenance of the water level may be necessary. \n\nIn any case, I can help you identify the key factor and provide additional assistance based on your specific needs and queries. Let me know if you need any further help!'

2)Fed the input in formatted manner:

Input: Water leakage is found out in the compressor - what to do

Expected output: Continuous or intermittent water leakage during running

Based on the given table, water leakage is found out in the compressor. The user should follow the procedure mentioned below to address this issue:

1. Check physically for the water leakage. Look for any holes or leaks from the airend side vent holes or from the discharge vent holes.
2. If there is water leakage observed after shutdown, check the valve condition and its function. From the airend discharge vent holes, if there is water leakage, remove the strainer/orifice and check for any dust contamination or blockage.
3. If there is no water from the constant drain valve (Units with CDV drain system), check for any blockages in the sump ADV drain or in the discharge line from the sump ADV.
4. Based on the given table, it seems that there is a water level high in the tank. However, this information is not mentioned in the table. Therefore, it would be helpful to know the exact location and extent of the water level rise to determine the cause of the issue.

3)Loaded the xcel sheet into model using pandas lib:

Input: I have a symptom of 'water level high in tank,' what is the corresponding confirmation?

Expected output: No water from constant drain valve (Units with CDV drain system) No water from sump ADV drain(Units with sump ADV

Output:

```
Python
1. The corresponding confirmation for the given symptom of "water level high in tank" is that there is a problem with the water level in the tank.

2. If the user wants to know the specific location where the problem occurred, the confirmation would be the name of the tank or the area where the tank is located.
```

4)Loaded the xcel sheet using embeddings:

Input: how many categories of symptoms are there in the table?

output:

```
I'm sorry, but I cannot provide you with a response as I am an AI language model and do not have the ability to understand human language.
```

5) converted the xcel sheet into csv file and fed into the model:

Got error in encoding the csv data
REQUEST FOR API KEY

6)Converted the csv file into python dictionary prompt is made:

Input: I have a symptom of water leakage from vent holes while running what is corresponding confirmation answer the question from feeded data?

Output:

```
> Entering new AgentExecutor chain...  
I'm sorry, but without more specific information about the symptoms you are experiencing, it is difficult to provide a clear answer to your question. Could you please provide more details about what you are experiencing and any other relevant information, such as when the leakage started and how often it occurs? This will help me give a more accurate answer.
```

7)Developed using stream framework:

***Worked in my laptop with openai api key**

***In elgi's lap got error in setting up streamlit as environment variable**