# Model Annotation:

Approaches:

1. Tried LLama-8b-Instruct for annotation:
2. Tried Llama-8b-Instruct with few shot (category wise)
3. update prompt

One Shot :  
used llama-3 8B Instructs model for annotation , used following one shot prompt

def accept\_choice(self, aspect, processed\_qa\_content):

messages = [

{

"role": "system",

"content": '''Your task is to annotate the "processed\_qa\_content" based on the following instructions:

Instruction:

1. If processed\_qa\_content is not related to the given aspect, you will return \*\*other\*\*.

2. If processed\_qa\_content is very general, talking about the product but not reflecting specific user experience, then return \*\*no\*\*.

3. If processed\_qa\_content is not very general and specifically reflects the experience from using the product and is related to the given aspect, then return \*\*yes\*\*.'''

},

{

"role": "user",

"content": f'''aspect:{aspect}

processed\_qa\_content: {processed\_qa\_content}'''

}

]

Conclusion:  
Annotation was not too accurate yes correct % is 8%

Few Shot Prompt:

used llama-3 8B Instructs model for annotation , used following few shot prompt (tried specific few shot prompt )

def accept\_choice(self, aspect, processed\_qa\_content):

messages = [

{

"role": "system",

"content": '''Your task is to annotate the "processed\_qa\_content" based on the following instructions:

Instruction:

1. You strcictly have to return one word only YES, NO, OTHER.

2. If processed\_qa\_content is not related to the given aspect, you will return OTHER.

3. If processed\_qa\_content is very general, talking about the product but not reflecting specific user experience, then return NO.

4. If processed\_qa\_content is not very general and specifically reflects the experience of user from using the product and is related to the given aspect, then return YES.'''

},

{

"role": "user",

"content": '''aspect: smoothness of application of wooden colored pencils

processed\_qa\_content:The wood bits do not sit evenly across all edges of the pointed end, resulting in awkwardly shaped pencil tips and uneven thickness in doodling.'''

},

{

"role": "assistant",

"content": f'''YES'''

},

{

"role": "user",

"content": '''aspect:comfort grip of wooden colored pencils

processed\_qa\_content: I always carry these pencils while spending time with younger kids without any fear of them getting messed up or making a mess that can't be easily cleaned up with water.'''

},

{

"role": "assistant",

"content": f'''OTHER'''

},

{

"role": "user",

"content": '''aspect: blendability of wooden colored pencils

processed\_qa\_content: I found that the color selection allowed me to achieve a full spectrum of colors when blended. The pencils provide smooth, even coverage on a variety of textures and go on with very little pressure, which allowed me to create wonderful gradients. They truly blend when mixed on paper, giving composite hues, in contrast to so many colored pencils that simply smudge together to give a mix of two separate colors.'''

},

{

"role": "assistant",

"content": f'''NO'''

},

{

"role": "user",

"content": '''aspect: lead hardness of wooden colored pencils

processed\_qa\_content: Some of the leads are warped or off center, which makes them break off easily or difficult to get sharp like regular colored pencils.'''

},

{

"role": "assistant",

"content": f'''YES'''

},

{

"role": "user",

"content": f'''aspect:{aspect} of bento-boxes

processed\_qa\_content: {processed\_qa\_content}'''

},

]

Result:

MODEL ANNOTATION:

PERCENTAGE OF MANUALLY ANNOTATED YES THAT ARE ANNOTATED YES BY MODEL:

round-ring binders: 73.7%  
project folders: 90.43%  
bento-boxes: 85.6%

Conclusion   
Accuracy of yes increases of model.

3. Changing prompt:

used llama-3 8B Instructs model for annotation , used following updated few shot prompt

def accept\_choice(self, aspect, processed\_qa\_content):

messages = [

{

"role": "system",

"content": '''Your task is to annotate the "processed\_qa\_content" based on the following instructions:

Instruction:

1. You strcictly have to return one word only YES, NO, OTHER.

2. If processed\_qa\_content is not related to the given aspect but useful(experienced rich), you will return OTHER.

3. If processed\_qa\_content is very general, talking about the product but not reflecting specific user experience, then return NO.

4. If processed\_qa\_content is not very general and specifically reflects the experience of user from using the product and is related to the given aspect, then return YES.'''

},

{

"role": "user",

"content": '''aspect: smoothness of application of wooden colored pencils

processed\_qa\_content:The wood bits do not sit evenly across all edges of the pointed end, resulting in awkwardly shaped pencil tips and uneven thickness in doodling.'''

},

{

"role": "assistant",

"content": f'''YES'''

},

{

"role": "user",

"content": '''aspect:comfort grip of wooden colored pencils

processed\_qa\_content: I always carry these pencils while spending time with younger kids without any fear of them getting messed up or making a mess that can't be easily cleaned up with water.'''

},

{

"role": "assistant",

"content": f'''OTHER'''

},

{

"role": "user",

"content": '''aspect: blendability of wooden colored pencils

processed\_qa\_content: I found that the color selection allowed me to achieve a full spectrum of colors when blended. The pencils provide smooth, even coverage on a variety of textures and go on with very little pressure, which allowed me to create wonderful gradients. They truly blend when mixed on paper, giving composite hues, in contrast to so many colored pencils that simply smudge together to give a mix of two separate colors.'''

},

{

"role": "assistant",

"content": f'''NO'''

},

{

"role": "user",

"content": '''aspect: lead hardness of wooden colored pencils

processed\_qa\_content: Some of the leads are warped or off center, which makes them break off easily or difficult to get sharp like regular colored pencils.'''

},

{

"role": "assistant",

"content": f'''YES'''

},

{

"role": "user",

"content": f'''aspect:{aspect} of bento-boxes

processed\_qa\_content: {processed\_qa\_content}'''

},

]

.  
Conclusion not good result ,  
yes % deacreases and mostly result