LlamaLingo Parsing Instructions Manual

Neural Net Cloud AGI

This pdf contains the instructions in regards to parsing data with ChatGPT. Below are examples of prompts that can be given to ChatGPT.

Receiving Nouns, Verbs, and Objects from a text prompt (ChatGPT 3.5)

1. Converting Noun, Verb, and Object data into SQL format (.sql file)

    a. Gather the information (data material such as a body of text) that you want ChatGPT to parse.

    b. First let's simply collect the Nouns, Verbs, and Objects from a text prompt by saying to ChatGPT:

        i. **Take the following prompt and look through each sentence of the paragraph and list the Noun, Verb, and Objects. Each Noun, Verb, and Object should be singular words and get rid of any synonyms and duplicate words, such as words that mean the same thing/action, then print out in this format only, "Noun: Verb: Object:" : [Insert Your Given Prompt Here]**

        ii. Make sure the data parsed is accurate and followed the instructions correctly before continuing to the following steps!

        iii. Repeat step **1bi** for any additional prompts

c. Now we will put this information in SQL format, which can then be used to put into the Azure database using SSMS.

   i. Let's start with just the Noun information we received, say this to ChatGPT:

      1. **Now, for the nouns, can you translate the format into SQL that I can use to put these new nouns into a noun database table, where the noun_status is A, POD_ID_FK is 4 and the URL_ID_PK is 1. These are the columns for the noun table: [Noun_ID], [Noun_label], [Noun_description], [Noun_type], [Noun_status], [POD_ID_FK] , [URL_ID_PK]**
         a. *Note: You may have to adjust the Noun_ID, Noun_status, POD_ID and URL_ID as necessary.*

   ii. This should allow ChatGPT to generate a usable SQL file for easy database insertion.

   iii. Repeat all steps within **1c** for the Verbs and Objects. But instead of giving the column names for the Noun table, you give the column names for the Verb table or any other tables you want to put the parsed data into.

      1. Example:
         a. **Now, for the verbs, can you translate the format into SQL that I can use to put these new verbs into a verb database table, where the verb_status is A, POD_ID_FK is 4 and the URL_ID_PK is 1. These are the columns for the verb table: [Verb_ID], [Verb_label], [Verb_description], [Verb_type], [Verb_status], [POD_ID_FK], [URL_ID_PK]**

2. Converting Noun, Verb, and Object data into CSV format (.csv file), for spreadsheet use

a. Follow steps **1a through 1b** in order to get any Noun, Verb, and Object information, if needed. Be sure to give ChatGPT the parsed data material needed to complete the next steps if it does not have it already.

b. Let's say you want to convert the information into spreadsheets, Let's use the same Noun information as earlier, and say this to ChatGPT:

   i. **Now, for the nouns can you translate the format into a CSV file that I can use to put these new nouns into a spreadsheet based on a noun database table, where the noun_status is A, POD_ID_FK is 4 and the URL_ID_PK is 1. These are the columns for the noun table: [Noun_ID], [Noun_label], [Noun_description], [Noun_type], [Noun_status], [POD_ID_FK] , [URL_ID_PK]**

      1. *Note: You may have to adjust the Noun_ID, Noun_status, POD_ID and URL_ID as necessary.*

      2. *Make sure the CSV file generated is accurate and follow the instructions correctly before continuing to the following steps!*

c. This should allow ChatGPT to generate a CSV file with the noun information along with the corresponding column names from the Noun table in the database.

d. Repeat all steps within **2b** for the Verbs and Objects. But instead of giving the column names for the Noun table, you give the column names for the Verb table or any other tables you want to put the parsed data into.

e. Now let's say you want to include the sentences from the original prompt, to see where the Noun, Verb, or Object data originated from and to determine if it is relevant to the project and you want to include those sentences within the spreadsheet as reference. Say this to ChatGPT:

i. **add an additional column at the end called noun_origin, and provide the sentence from which that noun info came from within the original prompt given earlier. Get rid of any commas within the sentences to avoid any format issues.**

1. Note: The "original prompt given earlier" refers to the text prompt given to ChatGPT in step **1bi.**

2. *Make sure the CSV file generated is accurate and follow the instructions correctly before continuing to the following steps!*

ii. Repeat all steps within **2ei** for the Verbs and Objects. But instead of calling the new column "noun_origin", adjust the name for the relevant material.
   1. Example:
      a. **add an additional column at the end called verb_origin, and provide the sentence from which that verb info came from within the original prompt given earlier. Get rid of any commas within the sentences to avoid any format issues.**

f. This should allow ChatGPT to generate a CSV file that includes an additional column that holds the sentences from which the Noun, Verb, or Object information came from within the text prompt it was given.

Receiving Subjects, Verbs, and Objects from a text prompt (NOVA Association - dbo.Parse_Sentence Table) (ChatGPT 3.5)

1. Converting Subject, Verb, and Object data into SQL format (.sql file)

a. Gather the information (data material such as a body of text) that you want ChatGPT to parse.

b. Now let's say you want to collect data for the Parse_Sentence table within the database. To do so, we can collect the subject, verb, and object data from a given text, following these prompts to give to ChatGPT:

i. **Take the following prompt and look through each sentence of the paragraph and list the Subject (such as the nouns): [Insert Your Prompt Here]**

ii. *Make sure the data parsed is accurate and followed the instructions correctly before continuing to the following steps!*

iii. This should allow ChatGPT to parse through your prompt for all of the subjects. Please be sure the information is accurate and make any correctional prompts if needed before continuing to the next prompt:

iv. **Now list the verbs**

v. *Make sure the data parsed is accurate and followed the instructions correctly before continuing to the following steps!*

vi. This should allow ChatGPT to parse through your prompt for all of the verbs. Please be sure the information is accurate and make any correctional prompts if needed before continuing to the next prompt:

vii. **Now list the objects**

viii. *Make sure the data parsed is accurate and followed the instructions correctly before continuing to the following steps!*

ix. This should allow ChatGPT to parse through your prompt for all of the objects. Please be sure the

information is accurate and make any correctional prompts if needed before continuing to the next prompt.

c. Now that we have the subject, verb, and object data, we'll need to give ChatGPT some context on the rest of the Parse_Sentence database table information such as the rules for the data we just collected. Give this prompt to ChatGPT:

   i. **there are three rules [Rule_subject], [Rule_verb], and [Rule_object]. Rule subject deals with the subjects determined earlier, where given the context of the earlier prompt, a subject can only do certain things. An example of a rule subject is as follows: "Jimmy (the subject) can ride bikes but Fish do not ride bikes". Knowing this about rule subjects determine any rule subjects based on the earlier prompt given.**

   ii. This allows ChatGPT to know what the column [Rule Subject] from the database table means and should parse some Rule Subjects based on your given prompt. Please be sure the information is accurate and make any correctional prompts if needed before continuing to the next prompt.

   iii. Now let's do the same for the additional rules left for the database table. Give this prompt to ChatGPT:

   iv. **Apply the same logic to rule verb and rule object and give some examples based on the earlier prompt given**

   v. This allows ChatGPT to give data for the rule verb and rule object columns. Please be sure the information is accurate and make any correctional prompts if needed before continuing to the next prompt.

d. Now let's move toward putting everything collected into an SQL file that can be used to input all the data into the Parse_Sentence database table. Give this prompt to ChatGPT:

   i. **Alright now, taking all this gathered information can you translate into SQL that I can use to put this info into a "parse_sentence" database table, where the S_status is A. These are the columns for the parse_sentence table:**
      ,[Sentence_ID]
      ,[Sentence_text]
      ,[S_subject]
      ,[S_verb]
      ,[S_object]
      ,[S_status]
      ,[Rule_subject]
      ,[Rule_verb]
      ,[Rule_object]

   ii. This should allow ChatGPT to put all the information into a usable SQL file. It will be extremely important to verify the information generated for any errors and to make any correctional prompts. The rule columns in the database must stay under 32 characters, so the following prompt may need to be given as well:

      1. **keep the [Rule_subject], [Rule_verb], [Rule_object] under 32 characters including spaces**

      2. Verify that those columns are under 32 characters since sometimes ChatGPT does not comply.

e. From this stage ChatGPT should have all it needs to parse information for the Parse_Sentence database

table and the above steps can be repeated for any additional text prompt that may be needed for parsing.