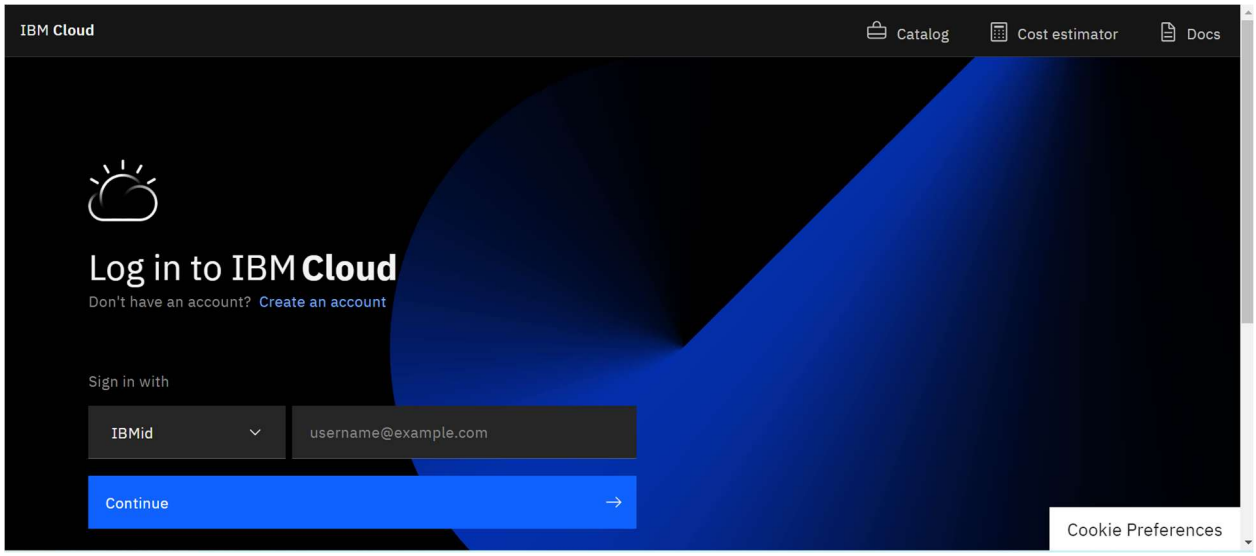
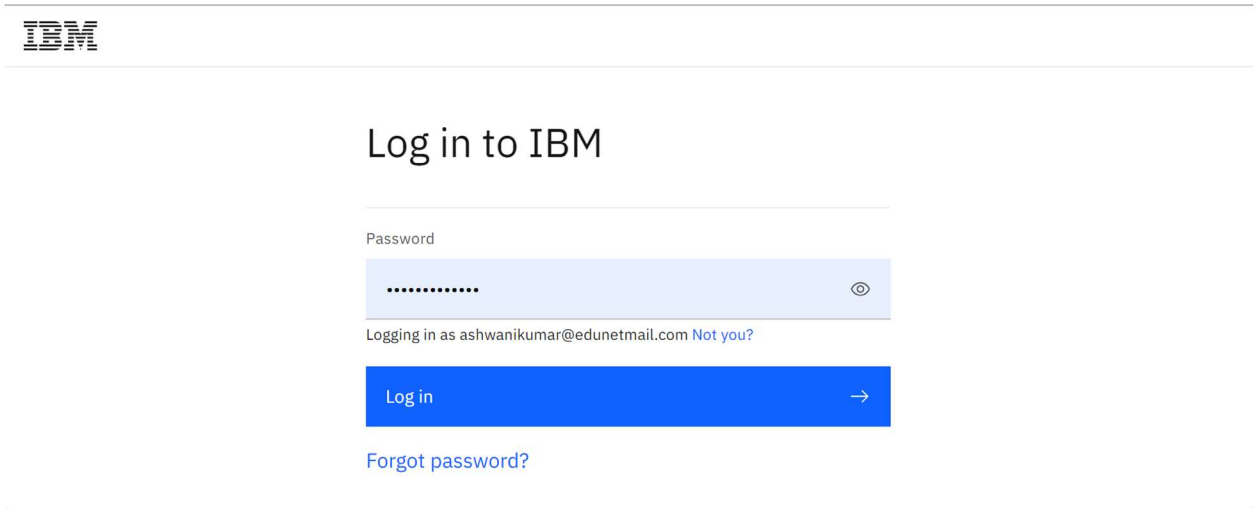
Natural Language Understanding in IBM Cloud

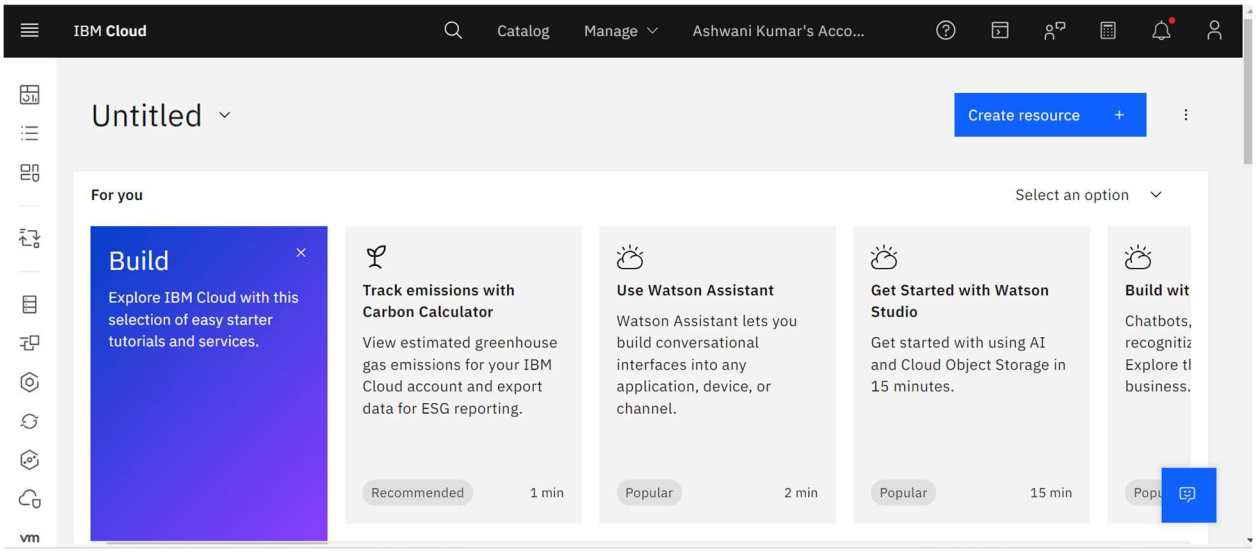
Step1 : Login into IBM cloud using this link cloud.ibm.com



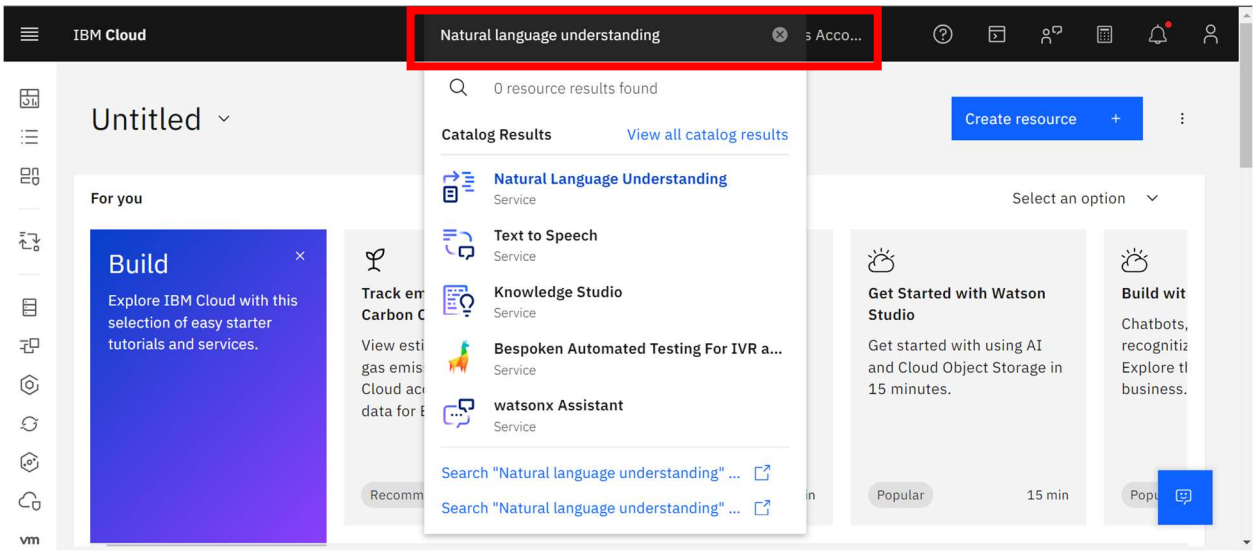
Step2 : Enter your credentials and login.



Step3 : This is your IBM Cloud Dashboard.



Step4 : Click on search icon and type “Natural language understanding.



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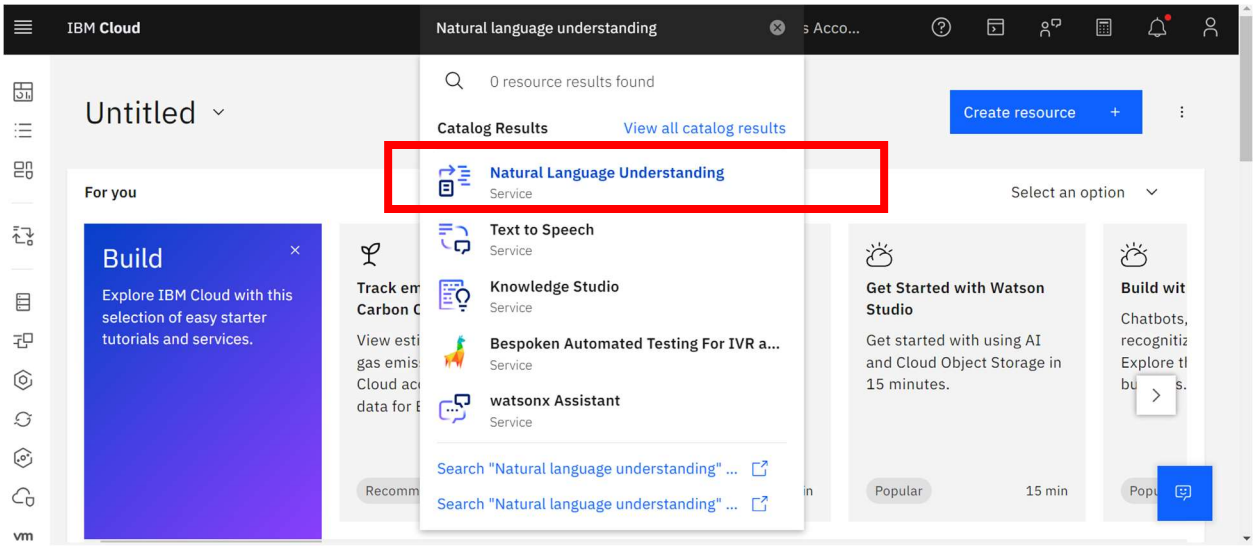
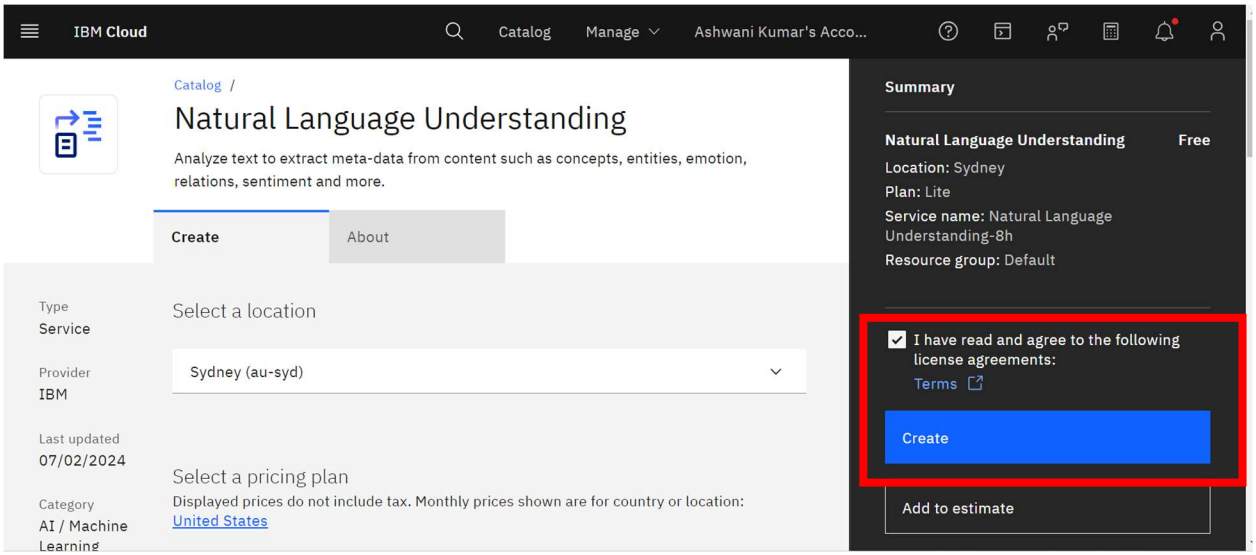
Step5 : Select Natural language understanding service.



Step6 : click on checkbox and click on Create.



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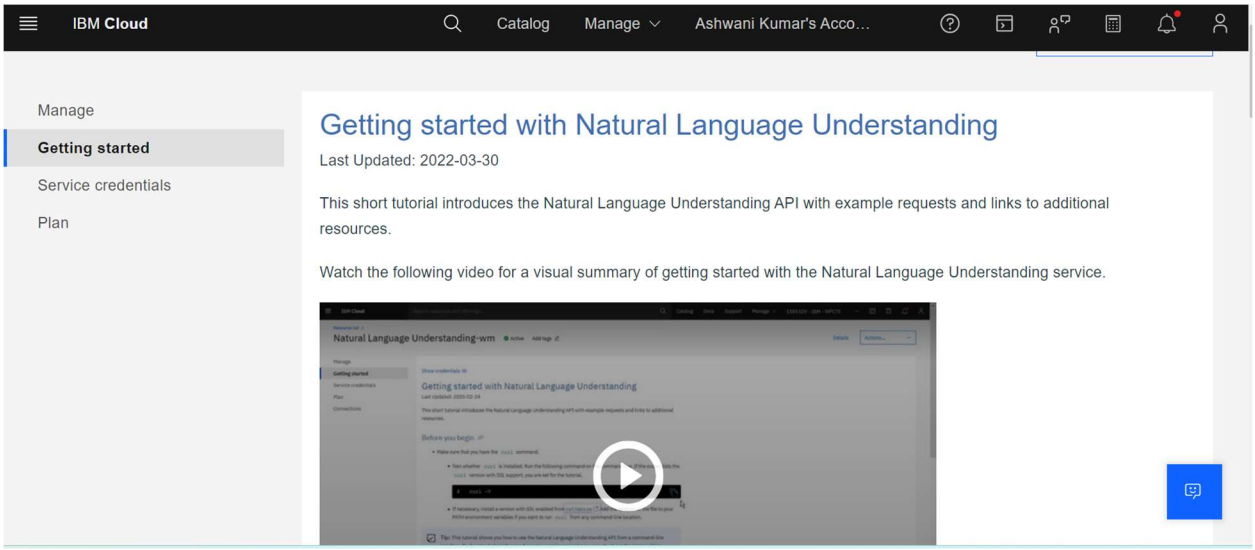
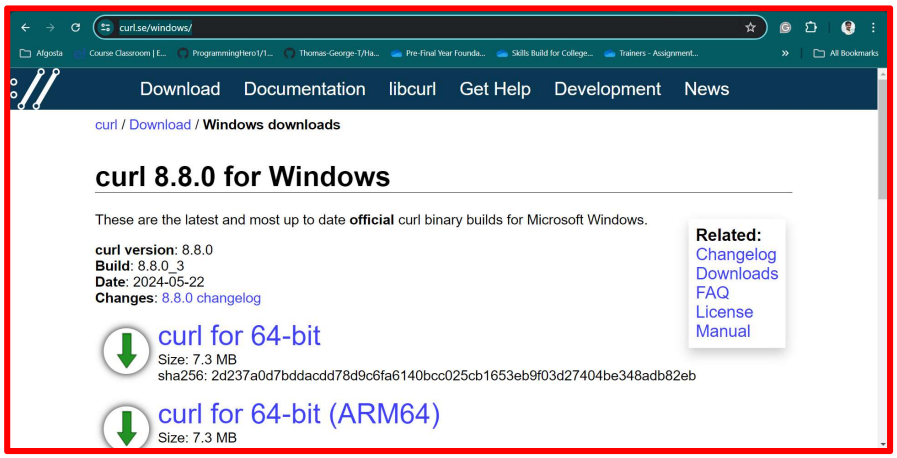
Step7 : scroll this page a little and watch video.

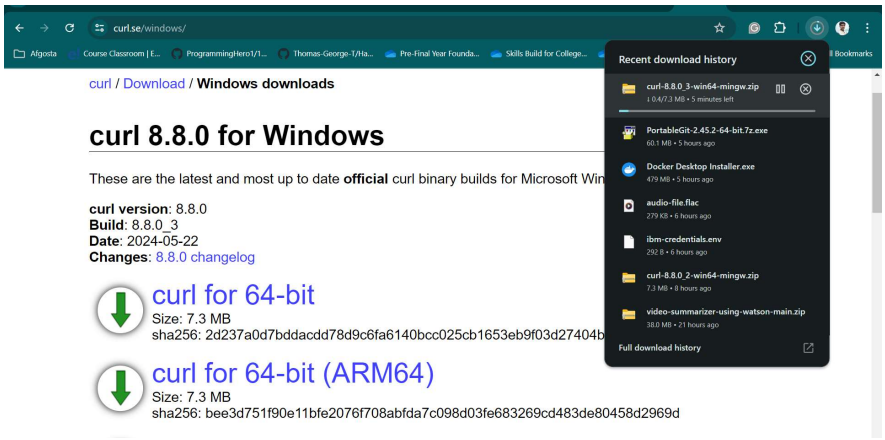


Step 8: Install the curl into your system using this link https://curl.se/windows/

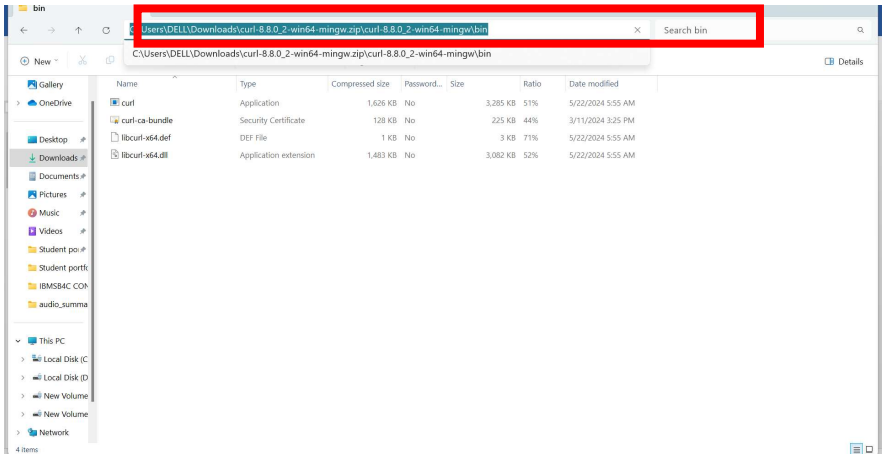
Click on "curl for 64 – bit"



Step9: Curl file is downloading



Step10 : Open the downloaded folder , in that open “bin” folder and copy the path.



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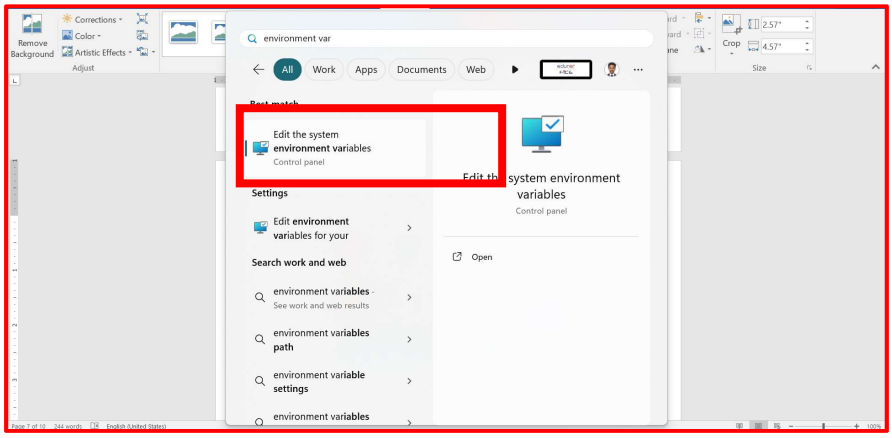
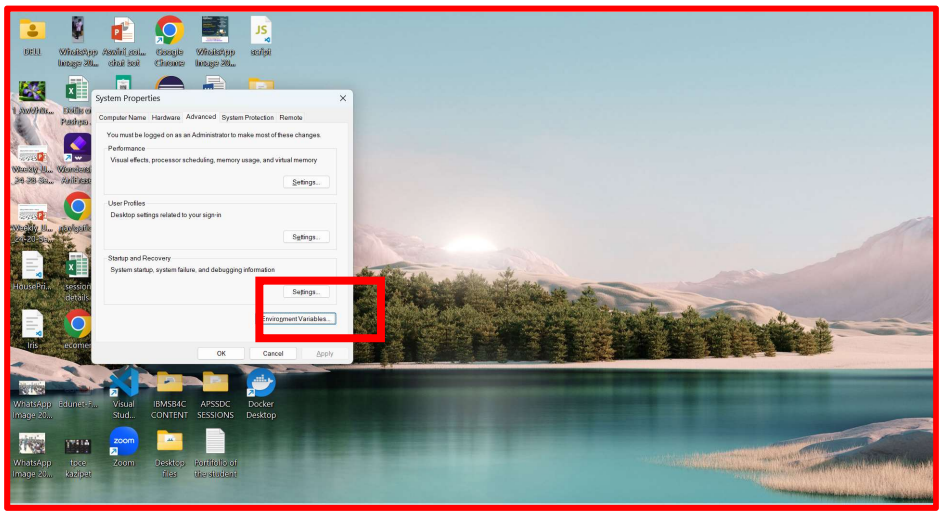
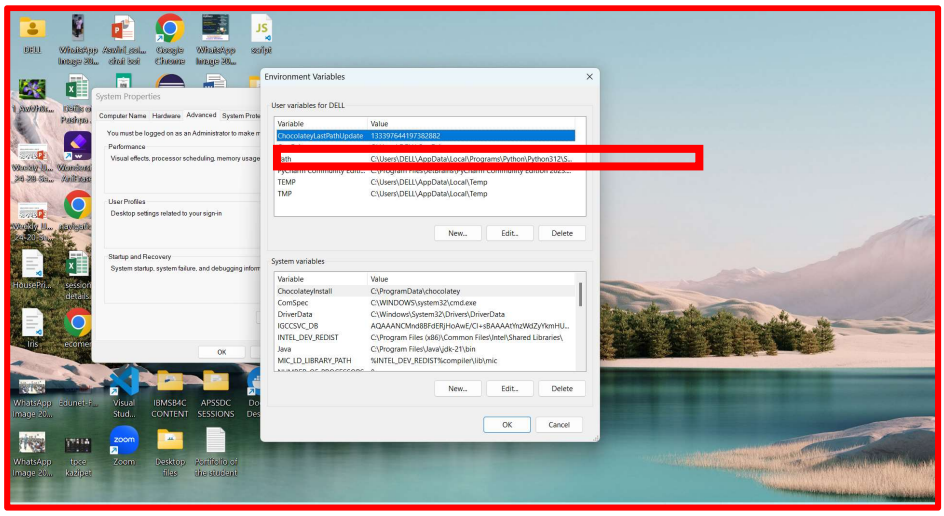
Step11: Click on search icon and type environment variables. Open it



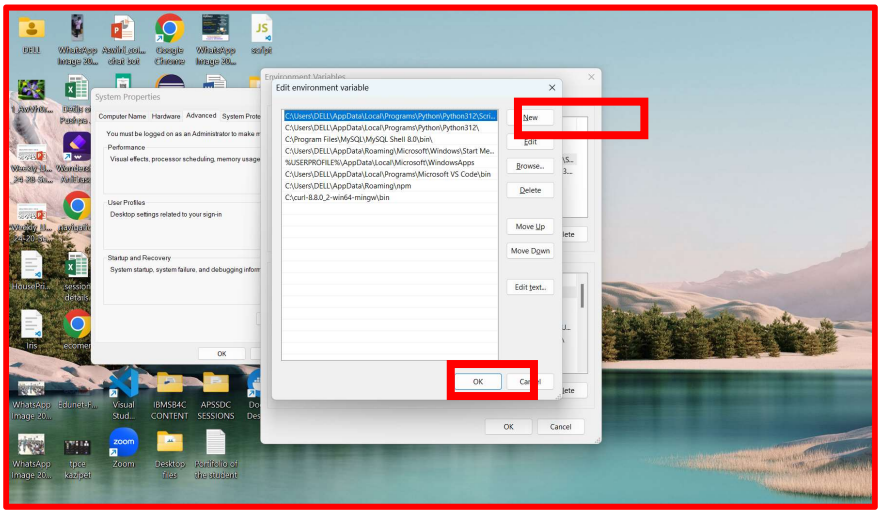
Step12: click on environment variables.



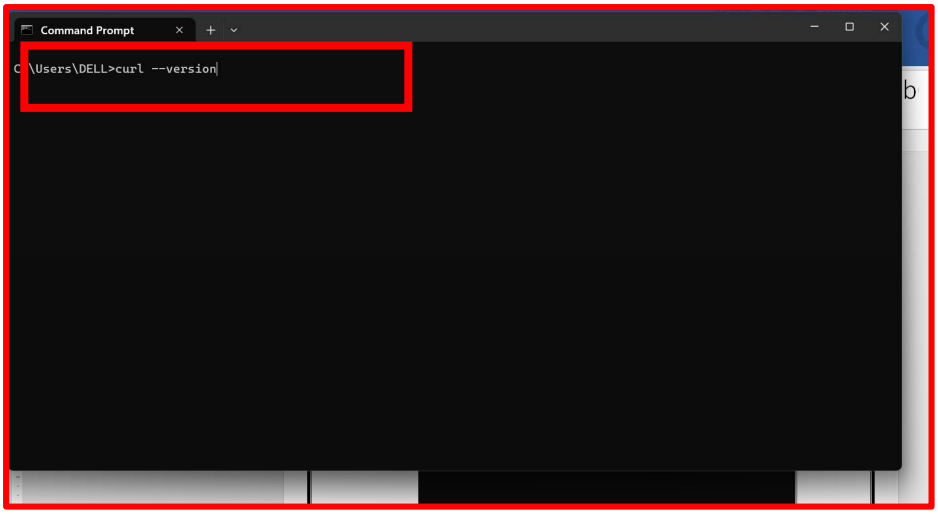
Step13: Double click on path.



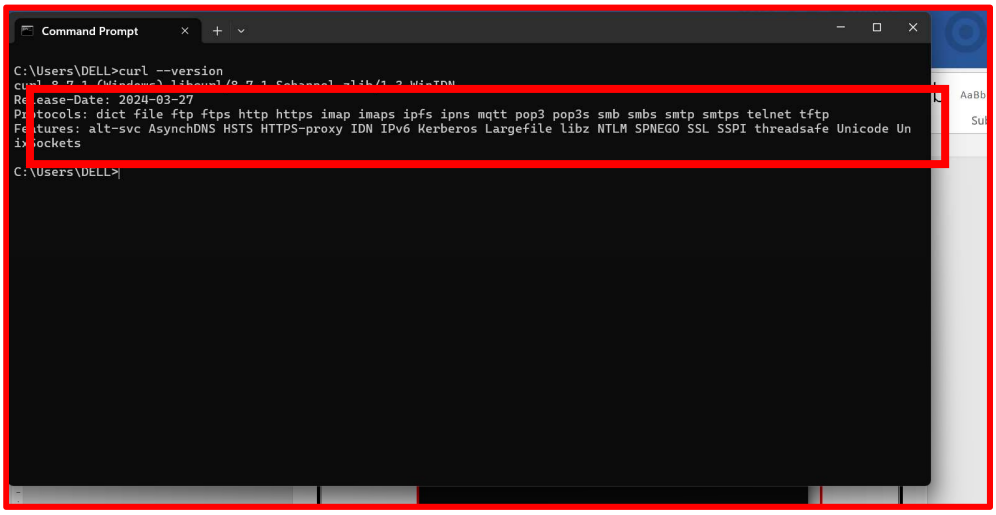
Step14: Click on New and paste the copied path of curl bin folder and click on OK



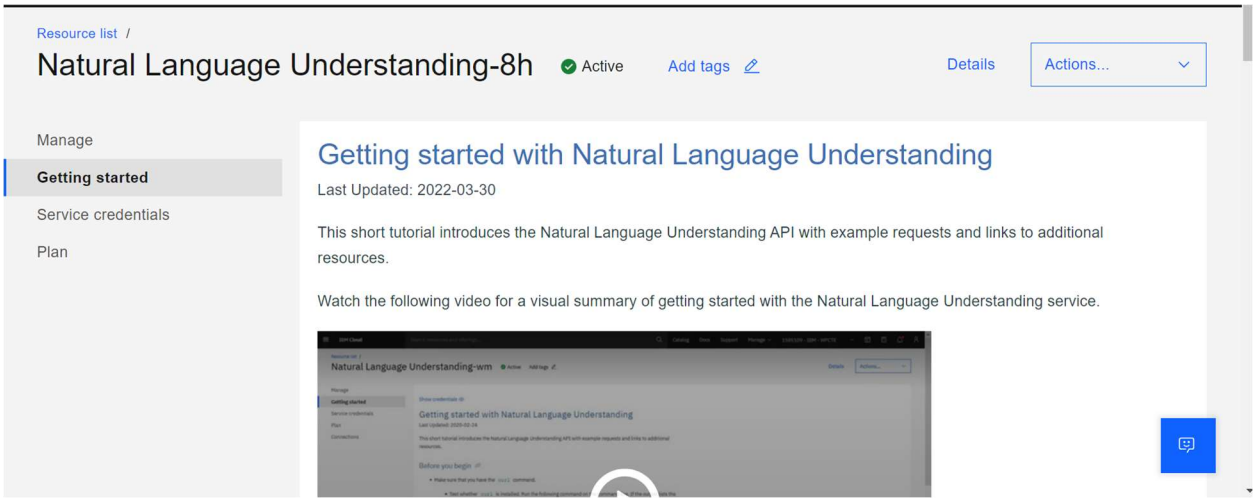
Step15: Open the Command Prompt and type curl –version curl



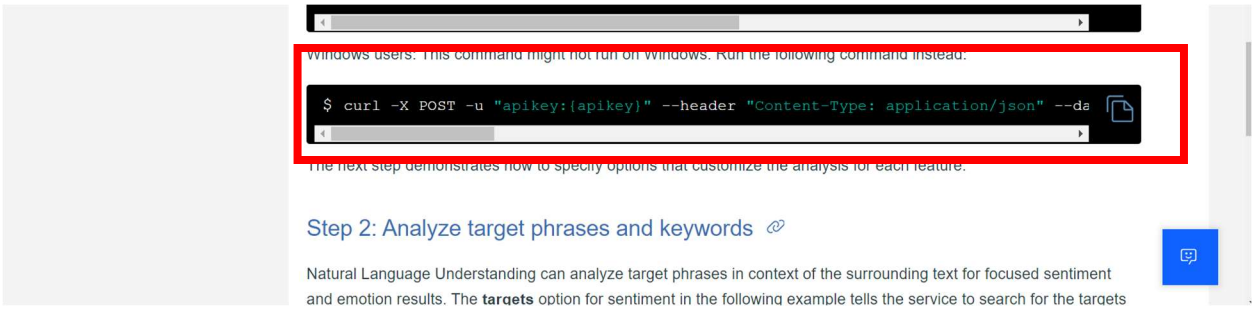
Step 16 : Curl installed successfully.



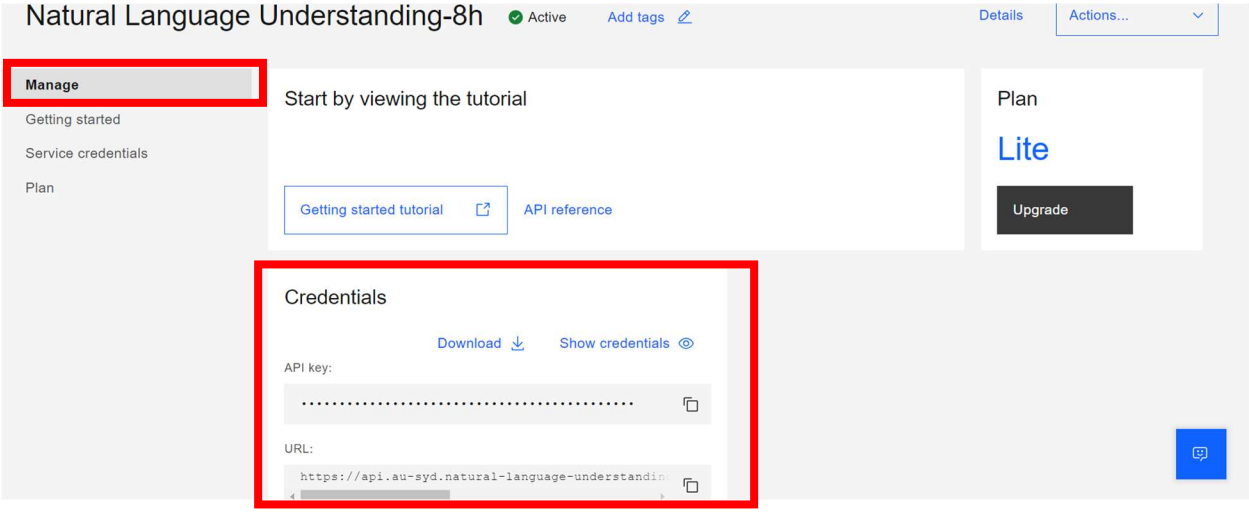
Step17 : go to this page and scroll a little this page.



Step18 : Copy this command and paste it in notepad.



Step19 : Click on Manage and copy Api key and URL



Step20 : Replace API Key and URL in copied command

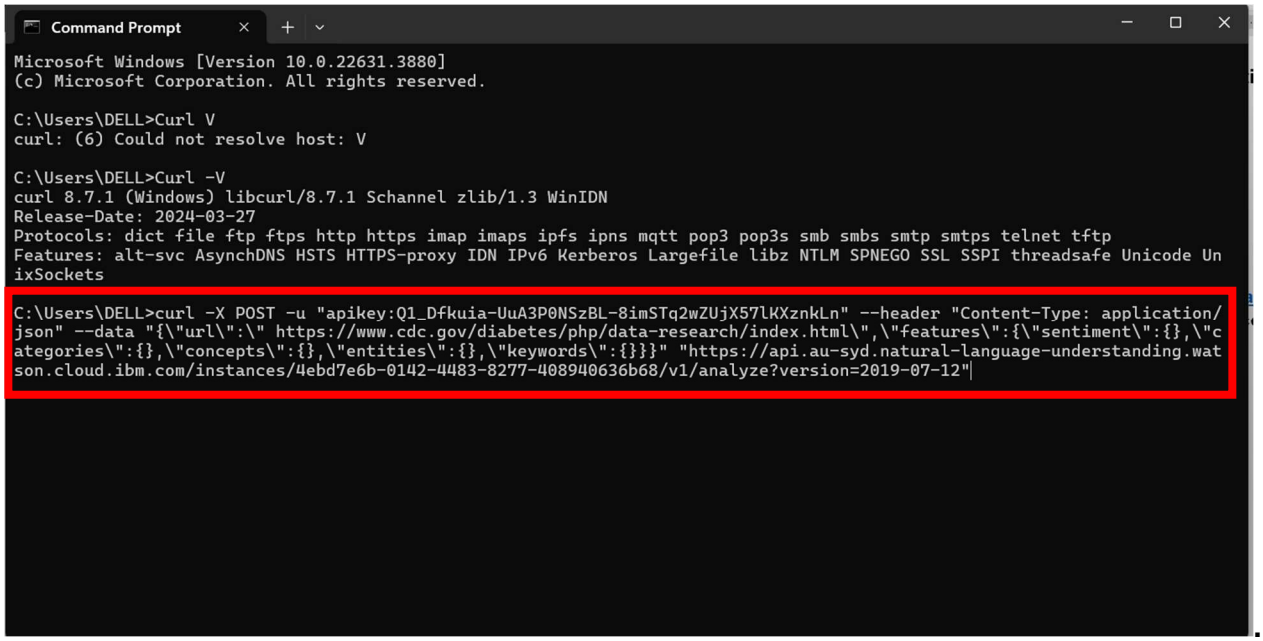
curl -X POST -u "apikey:{apikey}" --header "Content-Type: application/json" --data "{\"url\":\"http://newsroom.ibm.com/Guerbet-and-IBM-Watson-Health-Announce-Strategic-Partnership-for-Artificial-Intelligence-in-Medical-Imaging-Liver\",\"features\":{\"sentiment\":{},\"categories\":{},\"concepts\":{},\"entities\":{},\"keywords\":{}}}" "{url}/v1/analyze?version=2019-07-12"

Step21 : Now, Replace this webpage URL in above command.

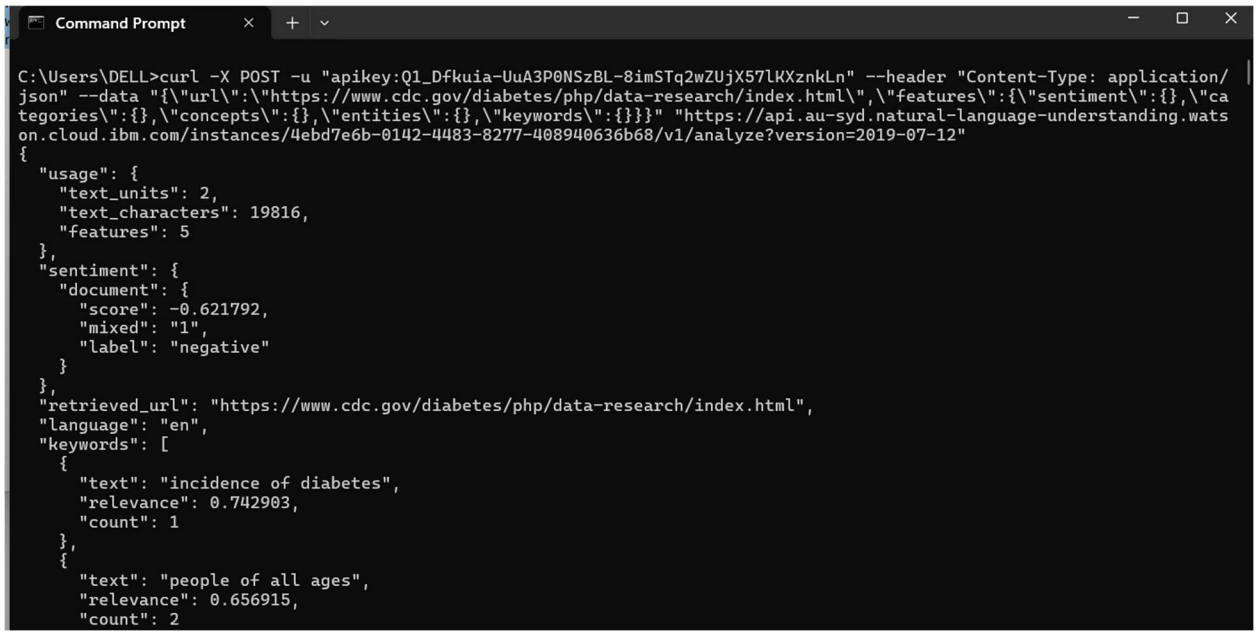
https://www.cdc.gov/diabetes/php/data-research/index.html

curl -X POST -u "apikey:{apikey}" --header "Content-Type: application/json" --data "{\"url\":\"https://www.cdc.gov/diabetes/php/data-research/index.html\",\"features\":{\"sentiment\":{},\"categories\":{},\"concepts\":{},\"entities\":{},\"keywords\":{}}}" "{url}/v1/analyze?version=2019-07-12"

Step22 :Copy above command and paste it in command prompt and click enter.



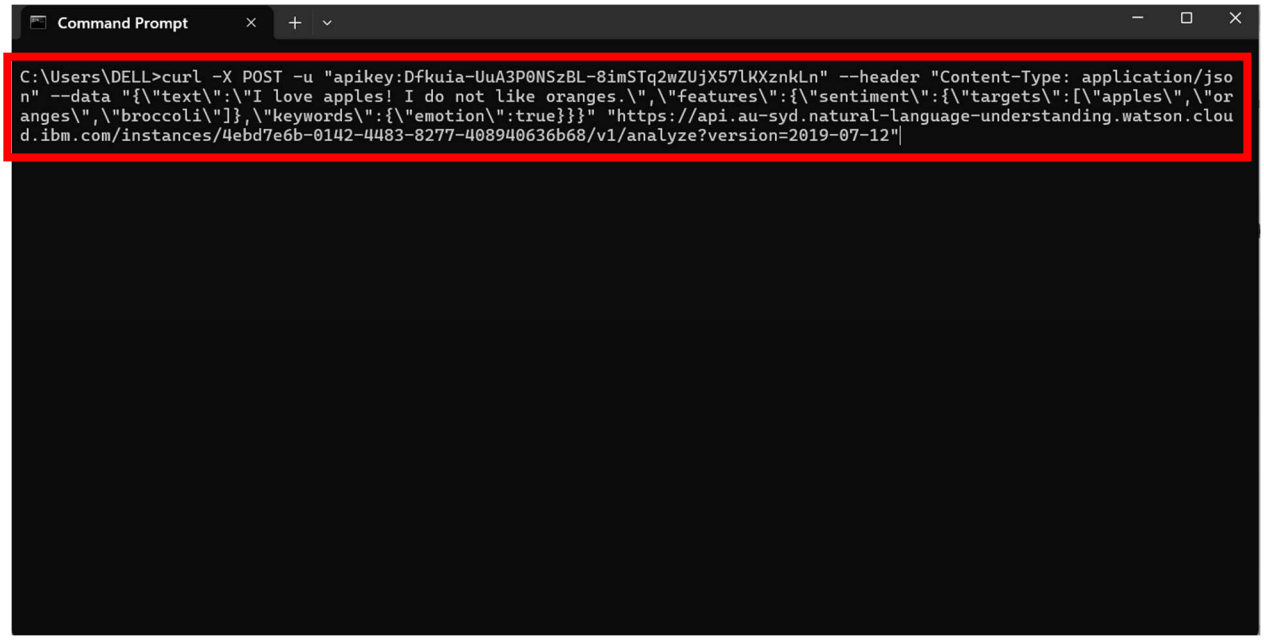
Step22 :This is the output, we analyzed sentiment analysis, categories of webpage



Step23 : Now we can analyze target phrases and keywords of individual text. Copy the below command and replace your API Key and URL.

curl -X POST -u "apikey:{ apikey}" --header "Content-Type: application/json" --data "{\"text\":\"I love apples! I do not like oranges.\",\"features\":{\"sentiment\":{\"targets\":[\"apples\",\"oranges\",\"broccoli\"]},\"keywords\":{\"emotion\":true}}}" "{url}/v1/analyze?version=2019-07-12"

Step24 : Copy the above command and paste it in command prompt.



Step24 :This is output , we analyzed phrases and keywords. .