## **Solution Guide**

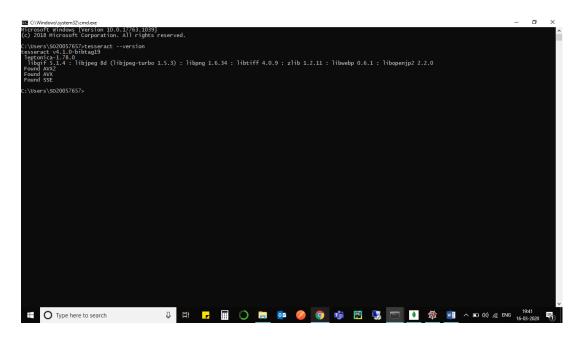
I believe you have already deployed the solution by going through the steps present in readme – deployment doc. If not please go through it first make the solution ready and then use this document to run and use the solution in different modes.

Once done please go through the readme-solution intuition file to understand the solution and its components so that you can much better understand the different modes this solution can work on.

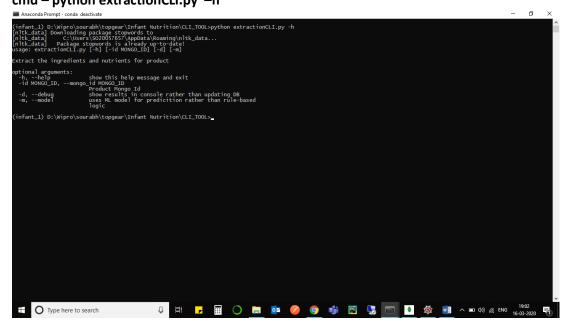
I have attached screenshots of the solution working so that one can refer and see the same things when running in their local.

Before diving make sure you also have a tesseract version >4 install in your system and present in your path.

Check this by typing tesseract –version in your command prompt and see the below results.

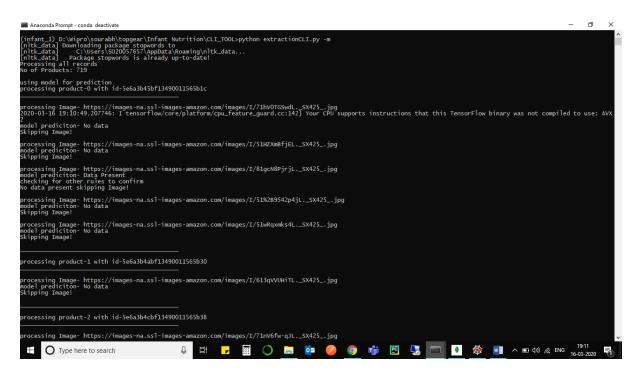


Running the solution and seeing the arguments the CLI can take.
 cmd – python extractionCLI.py –h



## 2. Understanding the various arguments.

- -id: It takes a string in quotes which is the mongo DB "\_id " of the product you want to run alone.
- -m: This when given, uses the trained Binary classifier to decide whether an image contains nutrients and ingredients information or not. When not given the solution uses the rule based coding to decide whether to consider this image or not.
- **-d**: This I added for the reviewer so that when given the ingredients and nutrients extracted could be seen in the standard output itself rather than the DB. When not given the solution updates the extracted nutrients and ingredients in the DB itself. Use when you want to see the working of the solution and not to run and save results.
- 3. Running the solution on all records and updating the DB with using model. cmd python extractionCLI.py -m



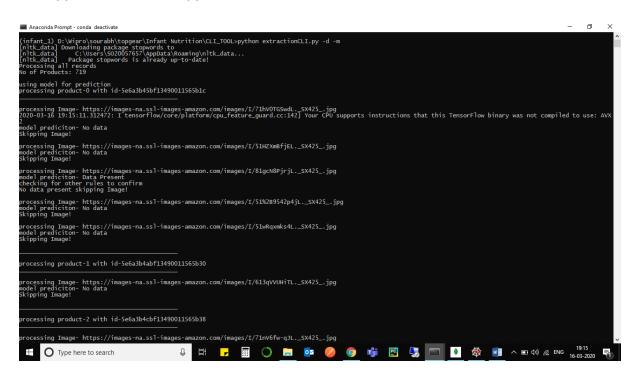
4. Running the solution on all records and using debug mode without using model. cmd - python extractionCLI.py -d

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Anaconda Prompt- conda deactions

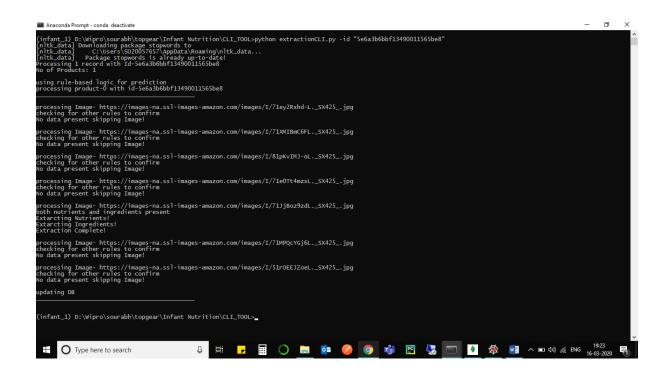
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5. Running the solution on all records and using debug mode without using model. cmd - python extractionCLI.py -d -m

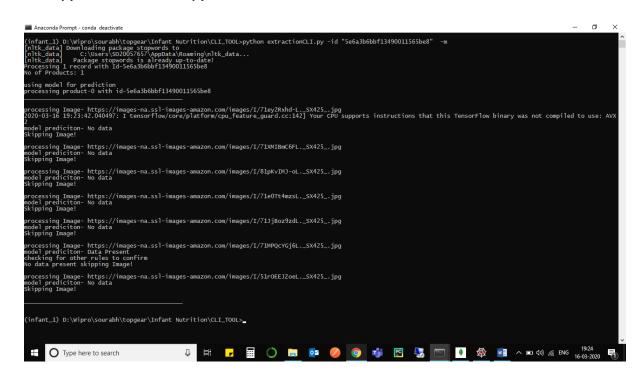


6. Running the solution on a single record without using the model. cmd - python extractionCLI.py -id "5e6a3b6bbf13490011565be8"

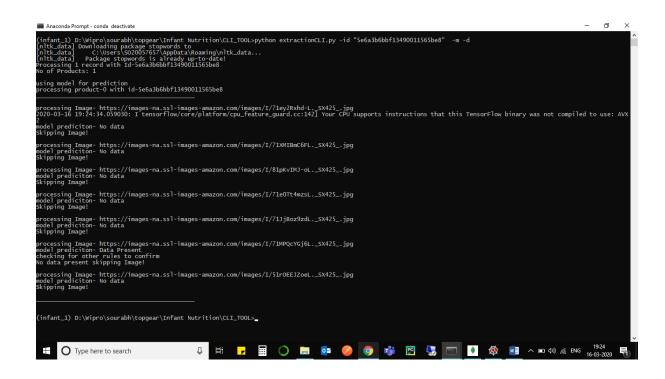


7. Running the solution on a single record using the model.

cmd - python extractionCLI.py -id "5e6a3b6bbf13490011565be8" -m



8. Running the solution on a single record using the model in debug mode. cmd - python extractionCLI.py -id "5e6a3b6bbf13490011565be8" -m -d



9. Running the solution on a single record without using the model in debug mode. cmd - python extractionCLI.py -id "5e6a3b6bbf13490011565be8" -d

