

Image Classification

Hello Fellow Interns,

For your Fourth Week, you're being requested to go through the dataset provided along with the task description and the approach.

Context:

Malaria has been one of the major causes of death in Africa, and being able to classify malaria-infected cell images using convolutional neural networks is pivotal to the quick diagnosis of Malaria.

Images were gathered for the development of a deep learning model that can accurately predict the cell that is infected with malaria and the one that is not infected with malaria.

Your TASK:

- You are required to predict whether the given image of a cell is uninfected or parasitized.

Tools & Libraries you may need:

- Python
 - Matplotlib, scikit-learn, pandas
 - Jupyter Notebook
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- Download the data provided.
 - Now, you can start your work by opening a Jupyter notebook in Google Colab: <https://colab.research.google.com/notebooks/intro.ipynb> or Anaconda if you already have it pre installed on you PC.
 - Load the data onto the notebook and you're good to go.

For any doubts contact Archi Agrawal.

After you're done with your work, show it to us and then post it on LinkedIn by tagging your mentor and Cureya Team.