

Computer Vision Take Home Project

Objective

Evaluate given dataset to classify skin cancer images as benign or malignant. You have 4 days to complete the project.

Requirements

1. Code Repository:
 - Create a github repo and push all code to it
 - Add ReadME.md to show how to run repo
2. Data Management:
 - Download and extract the provided zip file
3. Preprocessing
 - Implement any preprocessing techniques to prepare data for model training
4. Model Creation
 - Build and train models
5. Post Processing
 - Based on model results look at any post processing techniques to improve performance

Design and Submission

- You have the freedom to choose the model and pre/post processing techniques
- Feel free to use multiple models to compare performance
- A link to the github repository and any accompany results/plots should be submitted
- Be prepared to discuss your take-home project in a follow-up meeting

Extra Note

- Please inform us if you have any questions
- We will assess code structure, model pipeline performance, and chosen techniques
- Even if project isn't finished we can still review and go over repo with you