

Your name and your student number: Luka Wieme 233582

Your mentor: Dean van Aswegen

The student number of the person you are reviewing: Vladislav Stoimenov 235030

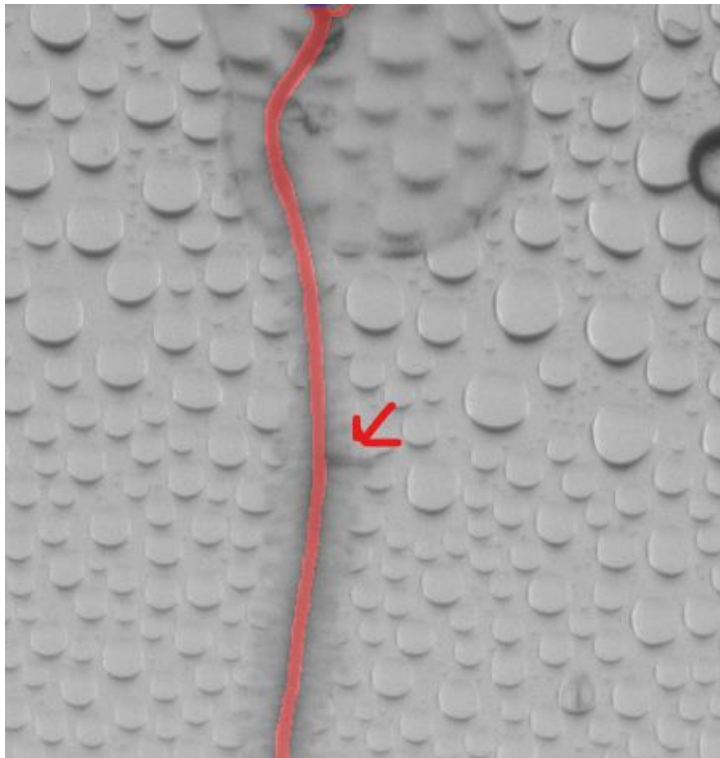
Your mentor will give you the masks you need to review (15 masks from one student). Find the images corresponding to these masks from the Y2B\_24 dataset. Run the [task 1 requirements.ipynb](#) notebook to check if the labels satisfy the requirements. Note down your feedback in the format provided below. For requirements 1-4, check whether the tests pass or not. For failing tests, note down the reason briefly. For requirement 5, list all the mistakes you detect.

Question 1. The student submitted 15 masks: **Yes**/No, if no, list the missing masks.

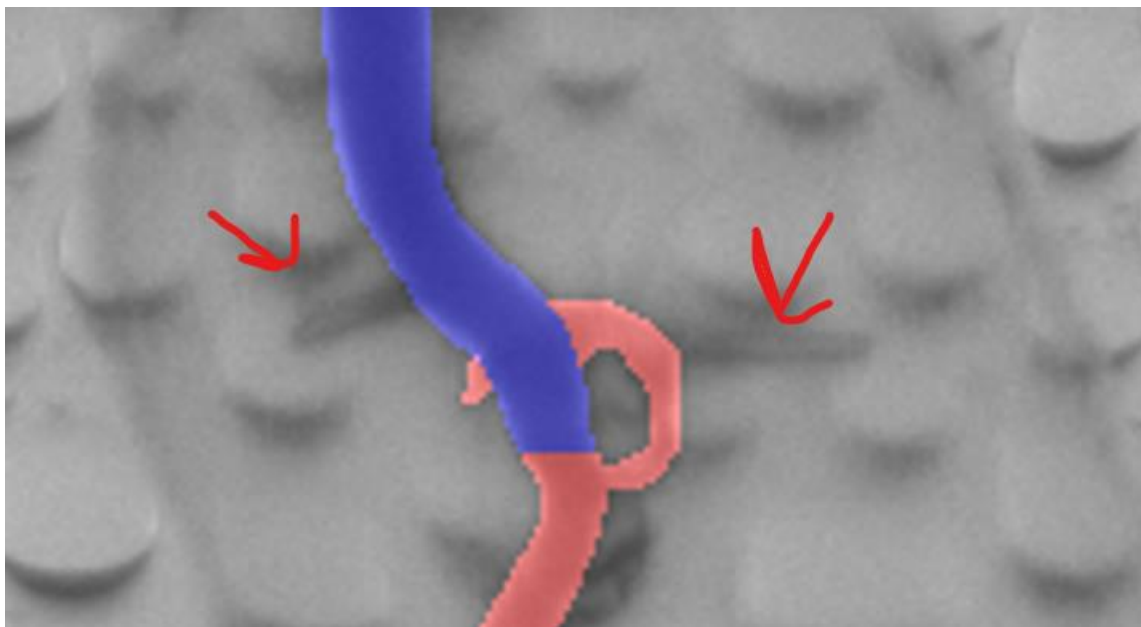
train\_Dean\_235030\_im1:

|              | Shoot Mask | Seed Mask | Root Mask |
|--------------|------------|-----------|-----------|
| <b>Req 1</b> | Pass       | Pass      | Pass      |
| <b>Req 2</b> | Pass       | Pass      | Pass      |
| <b>Req 3</b> | pass       | Pass      | pass      |
| <b>Req 4</b> | Pass       | pass      | pass      |

**Requirement 5** To assess the label quality, you need to overlay 3 masks with 3 different colors onto the image. The code to achieve this is in the [task 1 requirements.ipynb](#) notebook. Use screenshots from the overlay with arrows to indicate the locations of the errors. Note that your peers should be able to find the error, so describe the location of the error as clearly as possible.



Missed Root:  
Missed a small part of the lateral root

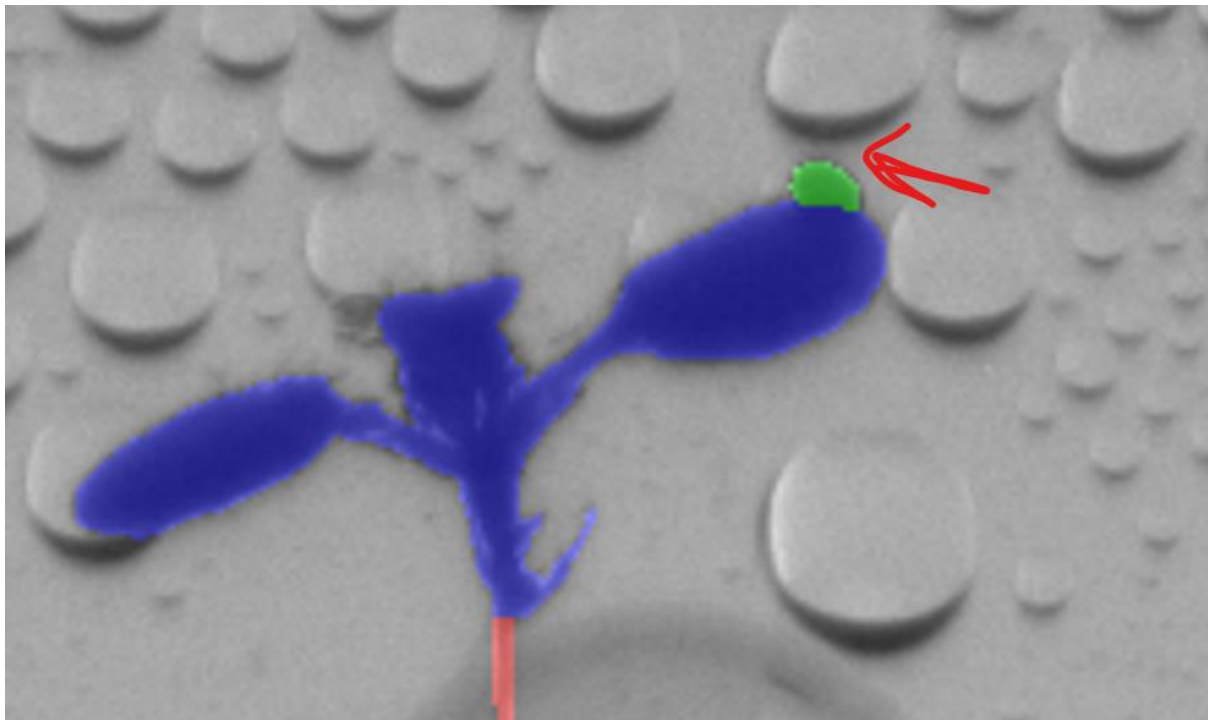


Missed root:  
Missed a small part of the lateral root.

train\_Dean\_235030\_im2

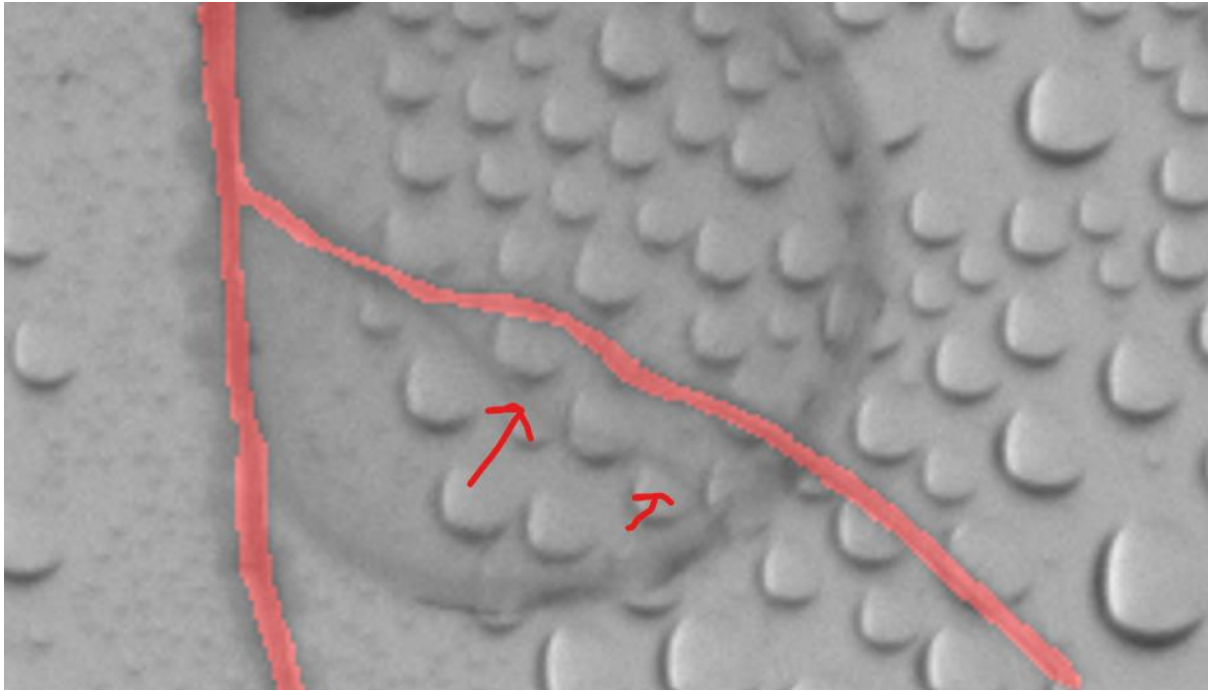
|              | Shoot Mask | Seed Mask | Root Mask |
|--------------|------------|-----------|-----------|
| <b>Req 1</b> | Pass       | Pass      | Pass      |
| <b>Req 2</b> | Pass       | Pass      | Pass      |
| <b>Req 3</b> | Pass       | Pass      | Pass      |
| <b>Req 4</b> | Pass       | Pass      | Pass      |

### Requirement 5



Seed:

I am not certain if this is a seed.

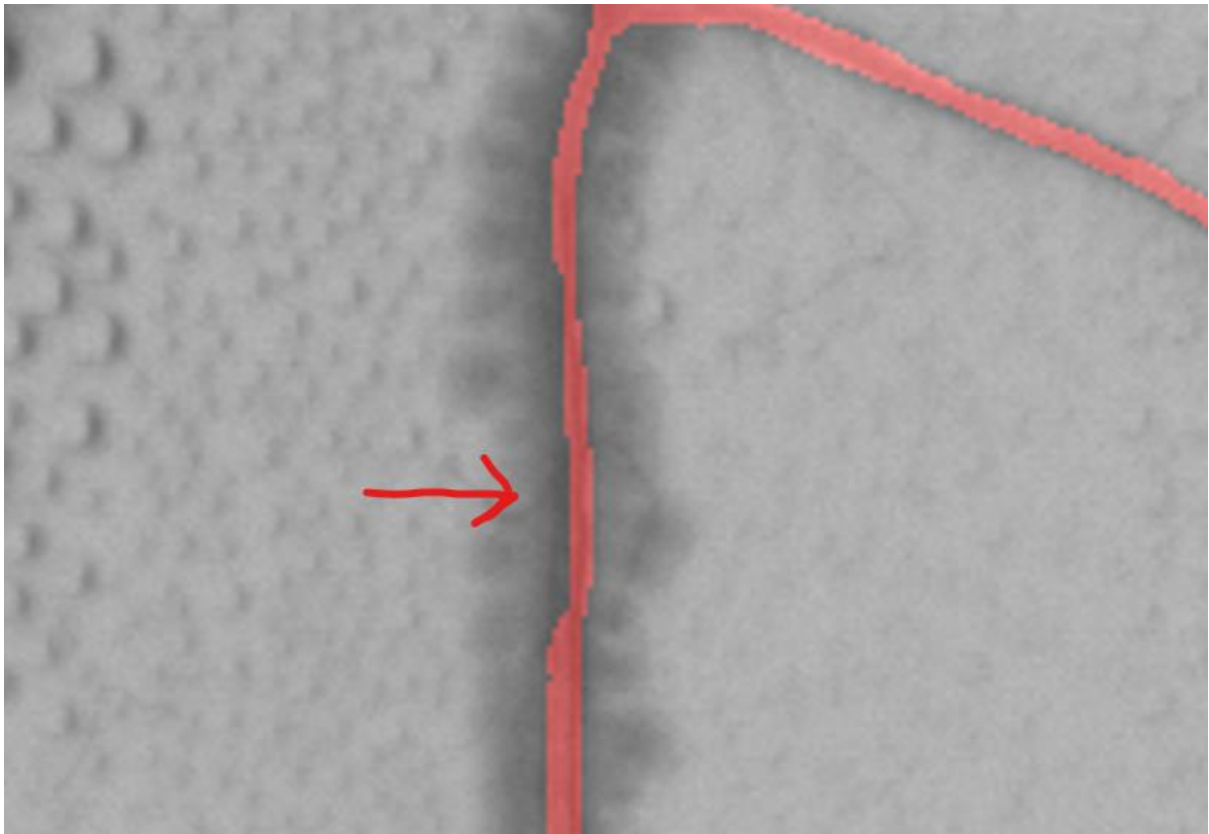


Missed a part of the lateral root.

1. train\_Dean\_235030\_im3:

|              | Shoot Mask | Seed Mask | Root Mask |
|--------------|------------|-----------|-----------|
| <b>Req 1</b> | pass       | Pass      | Pass      |
| <b>Req 2</b> | Pass       | Pass      | Pass      |
| <b>Req 3</b> | Pass       | Pass      | Pass      |
| <b>Req 4</b> | pass       | pass      | Pass      |

**Requirement 5**

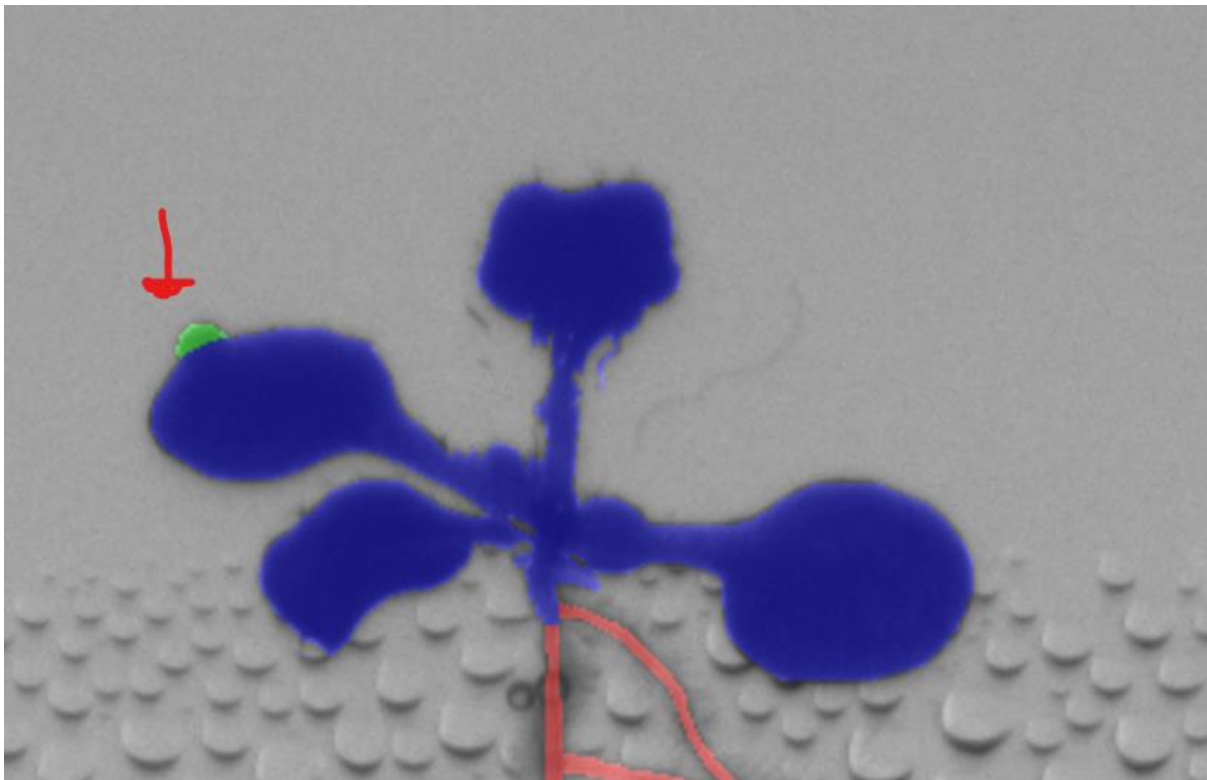


**Part of the main root is too thin**

2. train\_Dean\_235030\_im4:

|              | Shoot Mask | Seed Mask | Root Mask |
|--------------|------------|-----------|-----------|
| <b>Req 1</b> | Pass       | Pass      | Pass      |
| <b>Req 2</b> | Pass       | Pass      | Pass      |
| <b>Req 3</b> | Pass       | Pass      | Pass      |
| <b>Req 4</b> | pass       | pass      | Pass      |

### Requirement 5



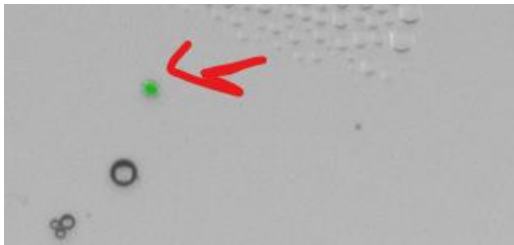
Seed:

I am not certain if this is a seed.

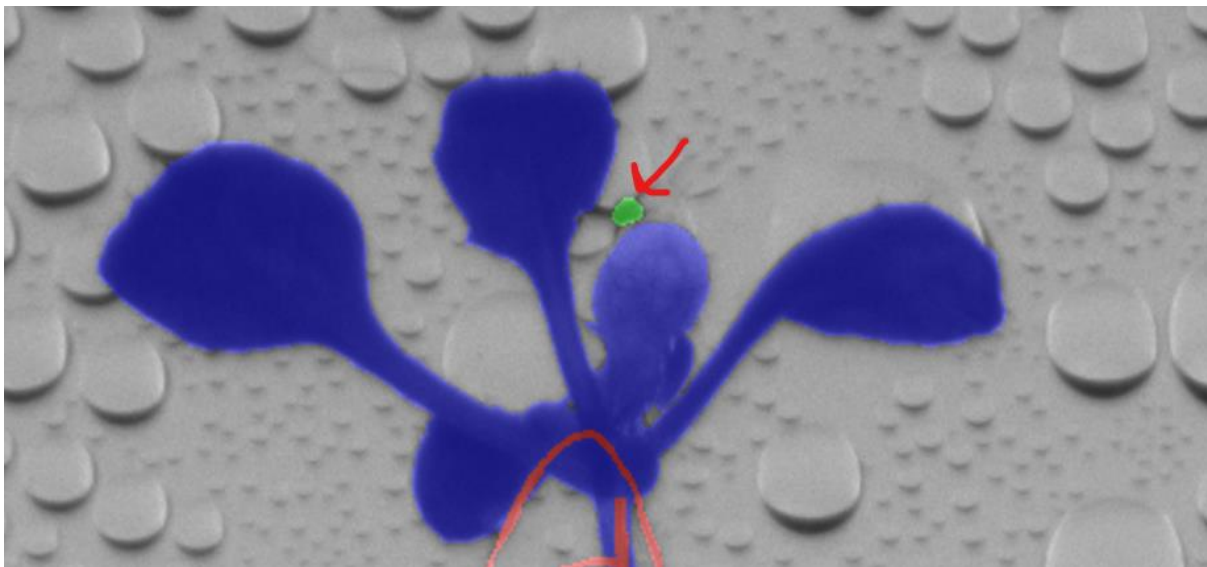
3. train\_Dean\_235030\_im5:

|              | Shoot Mask | Seed Mask | Root Mask |
|--------------|------------|-----------|-----------|
| <b>Req 1</b> | Pass       | Pass      | Pass      |
| <b>Req 2</b> | Pass       | Pass      | Pass      |
| <b>Req 3</b> | Pass       | Pass      | Pass      |
| <b>Req 4</b> | pass       | Pass      | pass      |

### Requirement 5



I am not certain about the sixth seed at the bottom of this image



I am also not sure if this is a seed.

