**Assignment**

**There are 2 folders in the xrays database: “1 root” & “2 or more roots”**

**Build an algorithm to detect a visual signal to classify between a 1 root and a multiple root tooth.**

**Outcome:** Measure the accuracy of your classification

**Deadline:** 1 Week from the receipt of this assignment

**Submission:**

* Please share your code via github or any other platform before the deadline.
* Indicate the accuracy you got.
* A short paragraph explaining what you did, what is unique about your approach, and how you plan to improve the algorithm performance.

**What is Next:** Once you share your code, we will schedule a short video call. During the video call, we will share with you a “test” folder containing a few unlabelled images (similar to training database) to test your model. We will go through the results of your model for the test images and its accuracy.