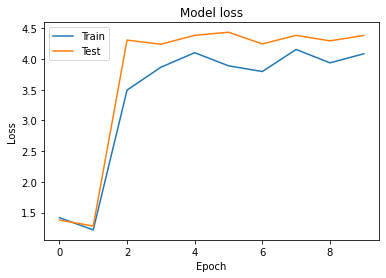
**Preliminary training**

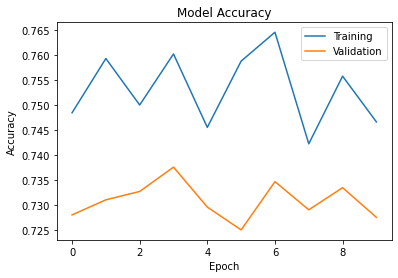
Original U\_Net

Parameters:

* num\_classes = 21
* input\_size = (512, 512, 3)
* optimizer = "adam"
* learning\_rate = 1e-3
* epochs = 10
* steps\_per\_epoch = 250
* validation\_steps = 100
* batch\_size = 4

Training Plots:





Prediction on a test image:

