

Exercise 5: Transfer Learning

Part one:

Without augmentation and without dropout, we reached an accuracy of 95 percent compared to the validation that reached 70 percent, which appears to be overfitting.

[click here](#)

With augmentation and with dropout, we reached an accuracy of 70 percent compared to the validation that reached 75 percent, which is not overfitting.

[click here](#)

With augmentation and without dropout, we reached an accuracy of 67.5 percent compared to the validation that reached 65 percent, which is not overfitting.

[click here](#)

With dropout and without augmentation, we reached an accuracy of 95 percent compared to the validation that reached 70 percent, which appears to be overfitting. like the first try (without both).

[click here](#)

Part two:

we reached an accuracy of 99.8 percent compared to the validation that reached 0.96 percent, which is not overfitting.

[click here](#)