# Algorithm for file updates in Python

## Project description

This algorithm is designed to help manage user access in a healthcare environment by updating the list of authorized IP addresses. The goal is to ensure that only users with valid permissions can access restricted data.

## Read the file contents

ip\_addresses = file.read()

## Convert the string into a list

ip\_addresses = ip\_addresses.split("\n")

## Remove IP addresses that are on the remove list

remove\_list = ["192.168.1.15", "10.0.0.23"]

## Update the file with the revised list of IP addresses

if element in ip\_addresses:

ip\_addresses.remove(element)

## Summary

This script efficiently removes unauthorized IP addresses from the "allow\_list.txt" file based on a predefined list of IPs to remove. It ensures access control remains up to date, contributing to better data security and compliance in a healthcare setting.