# **Project: Automated Customer Complaints Email Report**

## **Project Objective:**

Develop a Python script that automates the sending of a daily email report about customer complaints. This script should specifically focus on sending an email with a summary of the number of complaints received and attaching a detailed list of these complaints.

## **Specific Requirements:**

### **1. Email Address Retrieval:**

- The script should read and extract email addresses from a file named `project\_emails.txt` (provided in the course resources). Each email address will be on a separate line within this file.

### **2. Attachment Handling:**

- Attach the file named `customer\_complaints.txt` to the email. This file, also provided in the course resources, contains a detailed list of customer complaints (one per line).

- Ensure the script reads the file to count the number of complaints (lines) for inclusion in the email body.

### **3. Email Composition:**

- Programmatically construct an email with a subject line that states "Status Report for [current date]". The date should be formatted as YYYY-MM-DD and be dynamically generated to reflect the current date.

- The email body must contain the specific phrase: "There are [X] complaints in today's file", where [X] is replaced with the number of complaints found in the `customer\_complaints.txt` file. This count should exclude the first line if it is a header.

### **4. Recipient Management:**

- Send the email to all the addresses listed in the `project\_emails.txt` file, populating these addresses in the 'To' field of the email.

### **5. Email Sending Process:**

- Use TLS to securely connect to an email server and send the composed email.