

Automation Anywhere

Automation 360 Master Certification

Use Case for Bot Development

Introduction

In this use case, build a bot to automate a process with the business rules outlined below using the Automation Anywhere software. Submit the bot related files as per the instructions given in the certification portal. Read all instructions carefully.

Overview

Your bot must get some information from a Microsoft Excel file, perform some calculations on the data, and write it to a new Microsoft Excel file.

Business Rules

The bot you build must adhere to these instructions:

1. Download the source data from here:
https://rpademo.automationanywhere.com/autograder/usecases/acme_weighbridge_sw_output.xlsx and save it to your local drive.
2. Create a new Excel output file. Use the headings found at the end of this document.
3. Perform the following calculations on the source data and put it into the new Excel output file:
 - a. Calculate the Total Weight Deposited (KG) by subtracting the Weight on Departure from the Weight on Entry.
 - b. The Total before deductions and charges is based on a per-metric ton basis:
 - i. Public sector customers pay \$2 per metric ton
 - ii. Private sector enterprises pay \$20 per metric ton
(1000kg = 1 metric ton)
 - c. Customers receive a 3% discount on Total Before Deductions and Charges if an all-electric or petrol hybrid-electric vehicle is used. If the deduction is not applicable, the value of the cell is 0 (zero).

- d. Hazardous waste disposal incurs a levy of 50%.
Non-hazardous waste has no additional levy.
Hazardous waste tax must be calculated based on the Total before deductions and charges.
- e. Total after deductions and charges = Total before deductions and charges – Green vehicle discount + hazardous waste tax.
- f. Any number or currency value should only contain the number only. No extra characters, rounded to the nearest 2 decimal points. For example: 23456.78 or 123.4, not \$23,456.78 or 123.456789

Use only the following Packages in your bot:

- Browser
- If
- Loop
- Number
- Excel Advanced or Excel Basic
- Comment and/or Step
- File

Submitting Your Bot

1. During bot development, take note of the URL of each bot in edit mode. You will need these three URLs when you submit your bots for grading.
Example: <https://community2.cloud-2.automationanywhere.digital/#/bots/repository/private/taskbots/12345/edit>
2. Keep your use cases in the order that they are assigned to you. Name your output files so you can remember which of the three use cases it is for.
Example: usecase1.xlsx
3. Return to Automation Anywhere University and continue your Master Certification course to the Bot Submission section.

Final Notes

The format of the output file **must** be as follows: (headings must be on one line)

Customer Name	Total Weight Deposited (KG)	Total before deductions and charges	Ref. No.	Green Vehicle Discount	Hazardous Waste Tax	Total after deductions and charges
ABC Company	12345	123.45	1	12.34	23.45	246.8