



DSV Air & Seas A/S
XPress Department - Denmark

IT System Change Engineer – Technical Test

This technical test is composed of two tasks:

1. Financial check from invoice files
2. Process Excel file and extract ETAs from courier website

When sending the results of this test to AIESEC, we ask you to send all the results in a single file or in a public link so we can fetch it. Also, you can attach any portfolio that shows previous projects you've worked in the past (e.g. Github, LinkedIn, Behance, etc).

TASK 1

Check if invoiced amounts in a CSV file are correct compared to the calculated **accruals**.

To calculate our accruals use the information from CSV and the dictionaries to find the right price in the price sheet.

Accruals depend on below factors: **service, package type, origin and destination**.

When matching accruals with costs please be aware of the charge codes.

Please both describe your thoughts about how to do above calculations and deliver any developed algorithms and output report(s).

TASK 2

Automate the search for ETAs in **DHL DCT website** (<http://dct.dhl.com>) using shipments' data from the Excel. Store the search result in an online database of your preference.

Please both briefly explain how you implemented the process and deliver any developed code, executable and database access.