

**Position**: Python Developer - Intern for Smart Automation Platform

**Problem Statement:**

Use the below technology stack to code the assignment –

* + Python
  + MySQL DB at back-end
  + JSON
  + XL

Your assignment – Please create a program that can do the below:

* Develop a python code that read a json file with attached field format
* Define a MySQL structure table that can store the data from the JSON file
* Store 1st two rows of the data into the created table
* Read the data from the table and convert it to a xls file
* Define a second MySQL table called “tblLog” – this table will be used to capture
  + Time taken to execute python routines
  + Track execution of the code as it reads and json and writes to the table
* Use python library to log routines and time taken to execute in the “tblLog” MySQL table

Please follow

* Naming and Coding Standards
* <https://github.com/trein/dev-best-practices/wiki/Python-Coding-Standards#:~:text=Python%20Coding%20Standards%201%20Introduction.%20We%20use%20a,backslash%20line%20continuation.%20...%205%20Language%20Rules.%20>