RUN DOCUMENT

**Author:** Shwetha Ramachandran

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**Project:** File Processing and Auditing

**Summary:** An automatic auditor was developed using Python

**Languages**: Python 3.6.9, MySQL 5.3, Shell

**Libraries used:** pandas, sys,os, socket, datetime, mysql

**Tools used:**

Cron – To schedule a cron job

MySQL server- accessed from command line

**Filenames:**

file\_processing\_python.py- Main file used for auditing process

FileTransfer.py- Module that contains methods used for defining and updating audit table

AuditFile.py- used to migrate contents of input file to output file

AuditTable.py- used to migrate contents of input table to output table and file

output.log- log that records actions carried out

**Run script:**

file\_transfer\_python.py <input filepath or table> <run date> <delimiter>

**For Files:**

eg. python3 file\_transfer\_python.py /home/Audit/ip\_path/employee.csv 21/Jan/18 |

**For Tables:**

eg. python3 file\_transfer\_python.py employeedb.employee 31/Dec/18 ,

**Input File Path:**

<path>/Audit/ip\_path/filename.extension

**Output File Path:**

<path>/Audit/op\_path/filename\_rundate.csv

**Cron Command:**

0 20 \* \* \* /usr/bin/python3.6 <path>/Audit/ip\_path/\*.\*