



# AWS RDS+Lambda+Python+WorkBench

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Reading And writing CSV Files in AWS (Python)

Step 1 : Creating Python Script for Lambda function

Documentation - <https://docs.python.org/3/library/csv.html>

## 1. Reading a CSV file using Python:

```
>>> import csv
>>> with open('file_name.csv', newline='') as csvfile:
    table_nameReader = csv.reader(csvfile, delimiter=' ', quotechar='|')
```

```
>>> import csv
>>> with open('names.csv', newline='') as csvfile:
...     reader = csv.DictReader(csvfile)
```

## 1. Writing:

### a. using List

```
>>> import csv
>>> with open('file_name.csv', 'w', newline='') as csvfile:
    table_nameWriter = csv.writer(csvfile, delimiter=' ',
    quotechar='|', quoting=csv.QUOTE_MINIMAL)
```

### b. using dictionaries:

```
import csv

with open('names.csv', 'w', newline='') as csvfile:
    fieldnames = ['first_name', 'last_name']
    writer = csv.DictWriter(csvfile, fieldnames=fieldnames)
```

video - <https://www.youtube.com/watch?v=NE0DsZ4HhVA&list=PLcw5TTdQlsECxTYzc0o5AK-t-reDBzl3k&index=2>

**NOTE** - Use online json creator to save time creating python dictionaries(json files). <http://www.objgen.com/json>