Generating thousands/millions of rows of Synthetic DPL data using Rest APIs

Below is the Service Suite script that can be used to generate synthetic data using Rest APIs, this would be useful when generating millions of data which might be difficult using the UI as UI will have its own limitations.

Start AIQ

Go to Service Suite

API editor

Open the below script

modify the quantity variable to 1000000 (or as desired)

Save and run

a file with 1000000 will be created.

Note: There are 2 parameters that might be required to change.

1. AIQ URL (Line 1) - `var $baseURL = "http://localhost:8080";`
2. Creds (Line 12 and 13) - Username and password.

```
var $baseURL = "http://localhost:8080";function getTimestamp() {    return (new
Date()).getTime();}//// LOGIN//function login($baseURL) {    var $loginForm =
formData();    $loginForm.put("username", "appvance");    $loginForm.put("password",
"appvance");    var $call = createPost($baseURL +
"/AppvanceServer/rest/admin/logginForServices", $loginForm);    var $resp =
```

```
process($call).getDataString();    if ($resp.indexOf("true") != -1) {        //        // GET
JSESSIONID COOKIE        //        var $jsession = getCookieValue($baseURL,
"JSESSIONID");        addGlobalHeader("cookie", "JSESSION = " + $jsession);        log("Login
successful, JSESSION:" + $jsession)        return true;    } else {        return
false;    }}var $resp = login($baseURL);var quantity = 100000;var fileName =
"REPOSITORY/HOME/DPL.csv";if ($resp === true) {    log("Is Logged");    var data = [["qty",
"test"],["syn.random.number(10)","syn.random.number(100)"]];    var call = createPost($baseURL
+ "/AppvanceServer/rest/syntheticDPL/evaluate?lines="+quantity+"&locale=en_US", data);    var
stringJson = process(call).getDataString();      var payload =
JSON.parse(stringJson.replace(/\n|\r/g, "").trim());    var callSave = createPost($baseURL +
'/AppvanceServer/rest/file/updateCSVFile?commitMessage=&path=' + fileName,
payload);        var stringJsonSave = process(callSave).getDataString();      var response =
JSON.parse(stringJsonSave);    log(fileName + " was saved: " + response.status); }////
LOGOUT//var $resp = get($baseURL + "/AppvanceServer/rest/admin/logout");log("logout: " +
$resp.getDataString());
```

If you have any feedback on this topic, please contact us at documentation@appvance.ai

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