```json
{
    "name": "Indirect SIP Stored in CSV File",
    "objectType": "sipModel",
    "libraryType": "SIPmath_3_0",
    "dateCreated": "2021-07-14",
    "version": "0",
    "provenance": "SLS",
    "PM_Trials": 1000,
    "U01": {
        "rng": [
            {
                "name": "indexRng",
                "function": "Index",
                "arguments": {
                    "counter": "PM_Index"
                }
            }
        ]
    },
    "sips": [
        {
            "name": "ProductDemand",
            "function": "SIP_Array",
            "ref": {
                "source": "rng",
                "name": "indexRng"
            },
            "arguments": {
                "type": "csv",
                "url": "https://sipmath.network/libraries/DemandSimpleCsvLib.csv"
,
                "value": "Demand"
            },
            "metadata": {
                "Average": 100000,
                "Trial1": 141994,
                "Trial2": 75597,
                "Trial3": 103047,
                "density": [
                    0.000133830,
                    0.000480271,
                    0.001542279,
                    0.004431848,
                    0.011395986,
                    0.026221889,
```

Callout annotations:

- U01 section refers to a uniform random variable on 0 to 1.
- rng stands for random number generator, which in this case is named "indexRng" and is an Index function.
- The argument of the indexRNG is the Monte Carlo iteration counter ("PM_Index").
- The SIPs section starts here. This example has only one.
- This SIP is named "ProductDemand" and is driven by a U01 named "indexRng".
- The function is a SIP array.
- The arguments are the location of the csv file containing the array of SIP elements as a column with the name in the first row.

```
                0.053990967,
                0.099477139,
                0.164010075,
                0.241970725,
                0.319448006,
                0.377383228,
                0.398942280,
                0.377383228,
                0.319448006,
                0.241970725,
                0.164010075,
                0.099477139,
                0.053990967,
                0.026221889,
                0.011395986,
                0.004431848,
                0.001542279,
                0.000480271,
                0.000133830
            ]
        }
    }
    ]
}
```