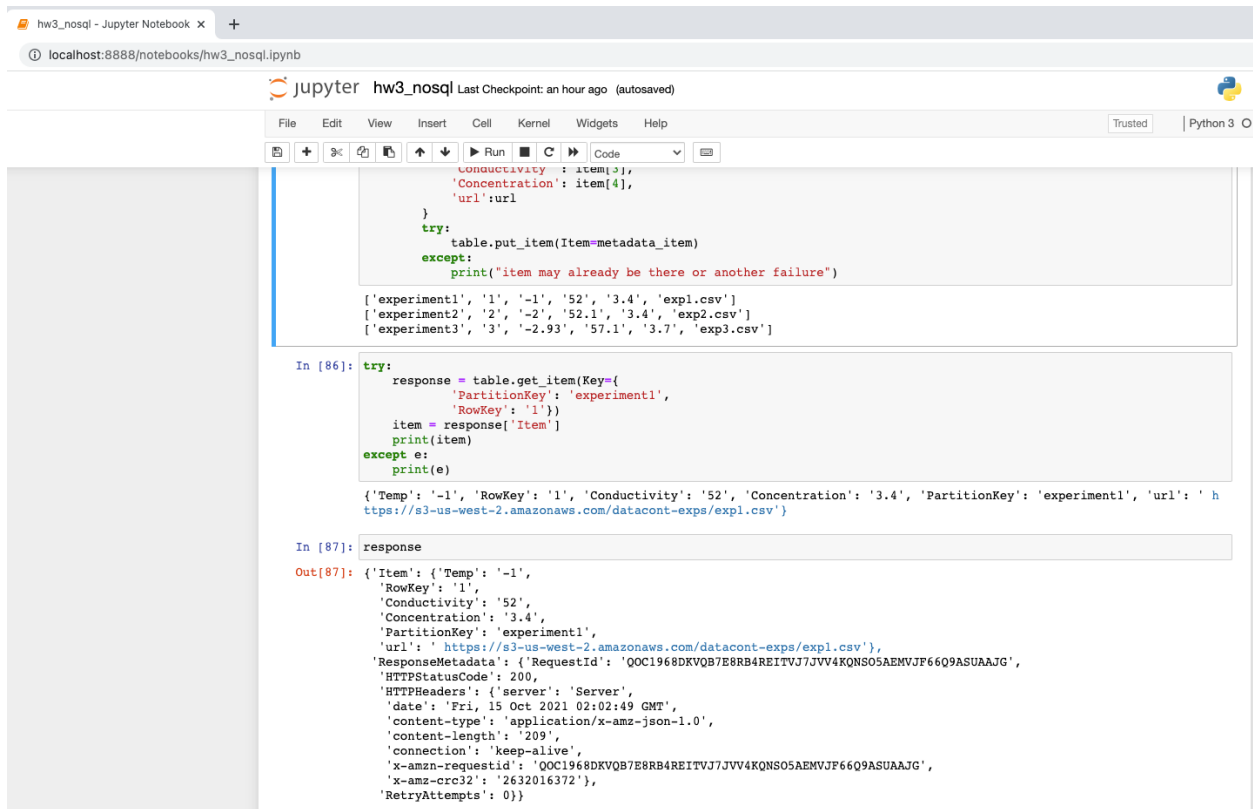


Hw3 NoSql

Screenshot of Query and Result

The result is obtained from by running the query in jupyter notebook in a docker container



The screenshot shows a Jupyter Notebook titled 'hw3_nosql' running in a Docker container. The interface includes a top bar with the notebook name and a 'Last Checkpoint: an hour ago (autosaved)' status. Below the top bar is a menu bar with options: File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. A toolbar with various icons for cell operations is also present. The notebook content is divided into three main sections: a code cell, an input cell, and an output cell.

```
Conductivity': item[3],
'Concentration': item[4],
'url':url
}
try:
    table.put_item(Item=metadata_item)
except:
    print("item may already be there or another failure")

['experiment1', '1', '-1', '52', '3.4', 'expl.csv']
['experiment2', '2', '-2', '52.1', '3.4', 'exp2.csv']
['experiment3', '3', '-2.93', '57.1', '3.7', 'exp3.csv']
```

In [86]:

```
try:
    response = table.get_item(Key={
        'PartitionKey': 'experiment1',
        'RowKey': '1'})
    item = response['Item']
    print(item)
except e:
    print(e)
```

{'Temp': '-1', 'RowKey': '1', 'Conductivity': '52', 'Concentration': '3.4', 'PartitionKey': 'experiment1', 'url': 'https://s3-us-west-2.amazonaws.com/datacont-exps/expl.csv'}

In [87]: response

Out[87]:

```
{'Item': {'Temp': '-1',
'RowKey': '1',
'Conductivity': '52',
'Concentration': '3.4',
'PartitionKey': 'experiment1',
'url': 'https://s3-us-west-2.amazonaws.com/datacont-exps/expl.csv'},
'ResponseMetadata': {'RequestId': 'QOC1968DKVQB7E8RB4REITVJ7JV4KQNSO5AEMVJF66Q9ASUAAJG',
'HTTPStatusCode': 200,
'HTTPHeaders': {'server': 'Server',
'date': 'Fri, 15 Oct 2021 02:02:49 GMT',
'content-type': 'application/x-amz-json-1.0',
'content-length': '209',
'connection': 'keep-alive',
'x-amzn-requestid': 'QOC1968DKVQB7E8RB4REITVJ7JV4KQNSO5AEMVJF66Q9ASUAAJG',
'x-amz-crc32': '2632016372'},
'RetryAttempts': 0}}
```