

NOSQL/NON-RELATIONAL DATABASES

- This data structure here is called (JavaScript Object Notation) **JSON**.
- In other words, **NoSQL** databases can be schema-agnostic, they don't have to all have the same format.

Key	Document
1001	<pre>{ "CustomerID": 99, "OrderItems": [{ "ProductID": 2010, "Quantity": 2, "Cost": 520 }, { "ProductID": 4365, "Quantity": 1, "Cost": 18 }], "OrderDate": "04/01/2017" }</pre>
1002	<pre>{ "CustomerID": 220, "OrderItems": [{ "ProductID": 1285, "Quantity": 1, "Cost": 120 }], "OrderDate": "05/08/2017" }</pre>

BY THE END OF THIS SESSION YOU SHOULD BE ABLE TO:

- Conceptual:
 - Identify and define at least two types of database schema.
 - Explain the popularity of RDMSs in terms of their advantages.
 - Explain the difference between relational and non-relational/NoSQL database schemes in terms of structured and non-structured data.
- Coding:
 - Identify what each line of provided SQL code is doing in some simple query (e.g., Select, From, Where, And, Join, etc.).

