Week 4 Homework 2

Chelsea Nieves posted May 27, 2023 5:50 PM

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Sir,

I think I'm overthinking this assignment. I am able to create the table with AWS CLI, but I am unable to create additional attributes. I assume this needs to be done prior to importing items via the JSON file, but I cannot figure out how to create a non-key attribute such as SensorDescription. If I try to create the additional non-key attributes while creating the table, I get the error, "Number of attributes in KeySchema does not exactly match number of attributes defined in AttributeDefinitions." Research has told me that CWI does not expect a user to declare all of the attributes upon table creation, so I'm at a loss as to what else to do.

Best,  
Chelsea

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**Chelsea Nieves**

May 27 at 6:32 PM

Disregard - I guess the JSON does create the attribute as well as assign the item. It may just be a me issue, however I wish that this was made more clear in the instructions or provided documentation. I was trying to create each attribute with CLI prior to assigning an item with a batch JSON file.

* + [Screenshot 2023-05-27 at 5.30.24 PM.png](https://learn.umgc.edu/d2l/le/766913/discussions/posts/88346677/ViewAttachment?fileId=75184063)

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**Craig Poma**

May 27 at 9:01 PM

Other than the Primary Key all other attributes can be created on the fly in DynamoDB.

There is another Ask the Professor with a sample JSON and insert from CLI. If you add keys to that JOSN - they will "magically" appear in the DB.

Respectfully,

Craig Poma  
Adjunct Associate Professor  
[craig.poma@faculty.umgc.edu](mailto:craig.poma@faculty.umgc.edu)

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**Chelsea Nieves**

May 27 at 10:26 PM

For the assignment is either method fine or is there a preferred method? I had checked the Ask the Prof thread prior to posting but must have missed it. I will look again tomorrow.

Thanks,

Chelsea

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**Craig Poma**

May 29 at 5:41 PM

For the CLI portion of the assignment, you should be "adding column" using the JSON insert statements/definitions you are using. You should not be doing it via the web console.

For the Python portion of the assignment, the data would be added via Python SDK calls within your Python code.

Respectfully,

Craig Poma  
Adjunct Associate Professor  
[craig.poma@faculty.umgc.edu](mailto:craig.poma@faculty.umgc.edu)

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