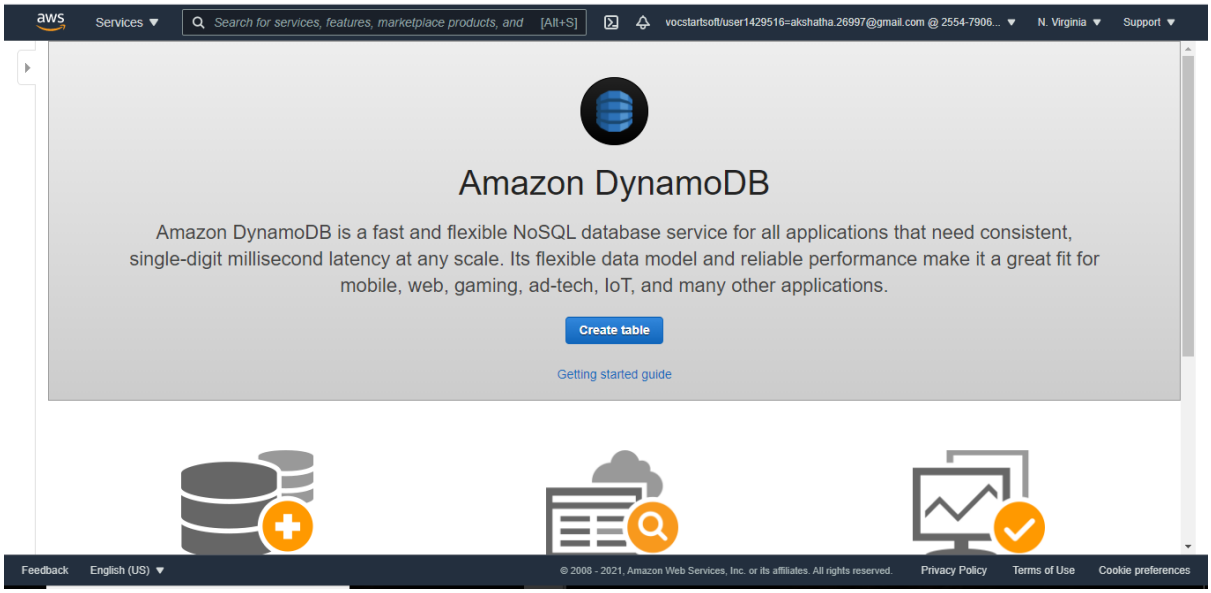
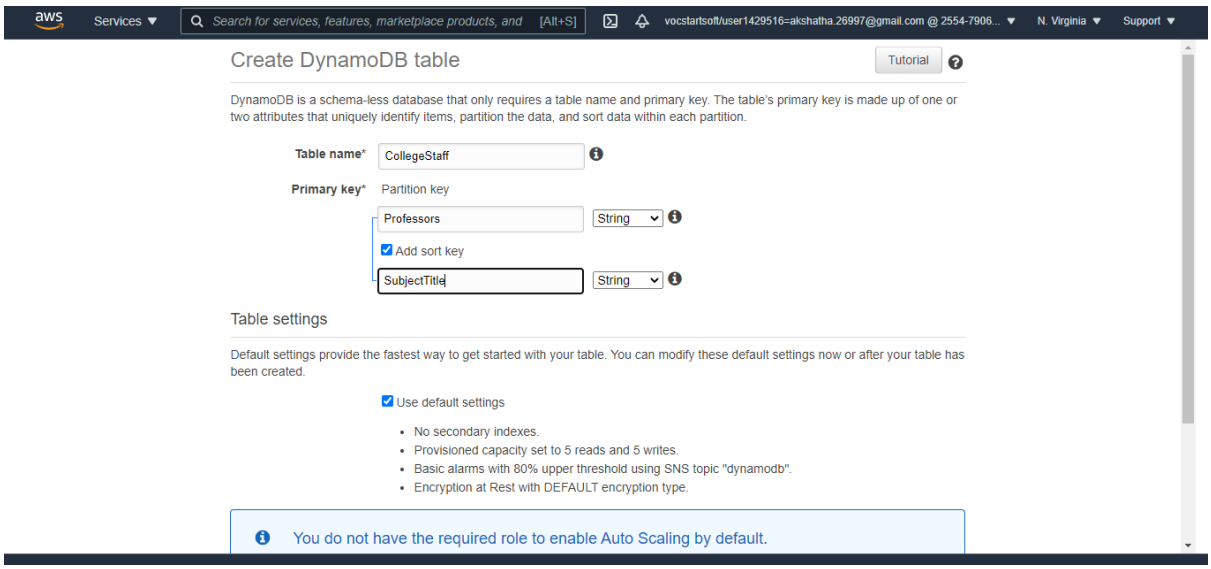
<u>Assignment 4:</u> Launch DynamoDB, perform create, insert, update and delete table. After insertion export the DynamoDB data to S3 and download the exported JSON file.

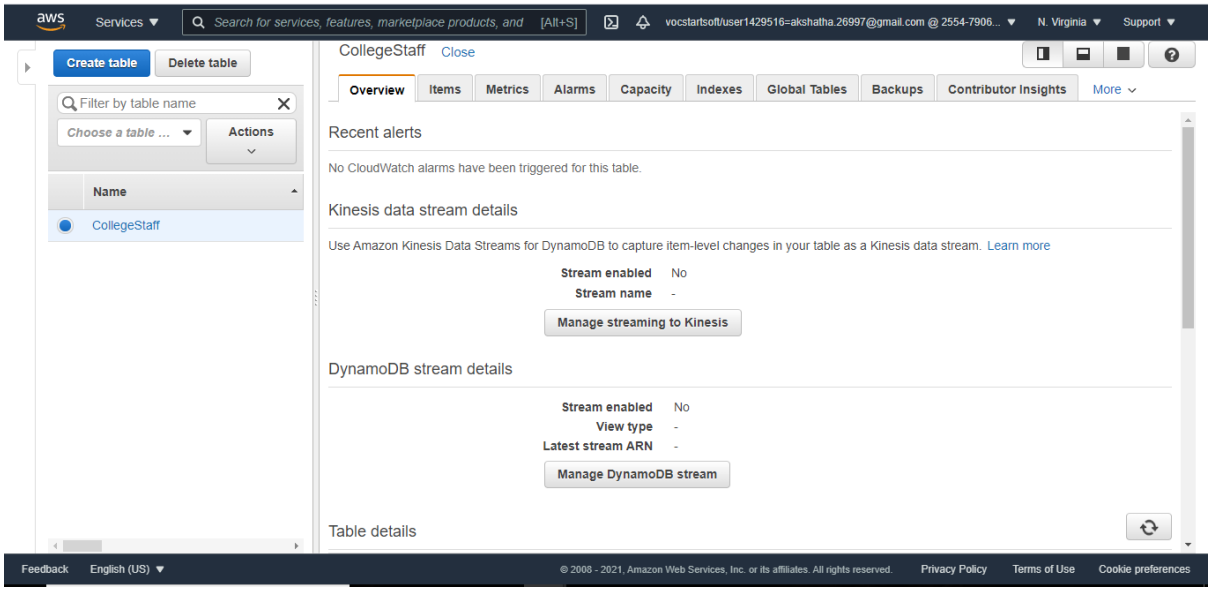
1. Navigate to the “Amazon DynamoDB” and click on “Create Table”



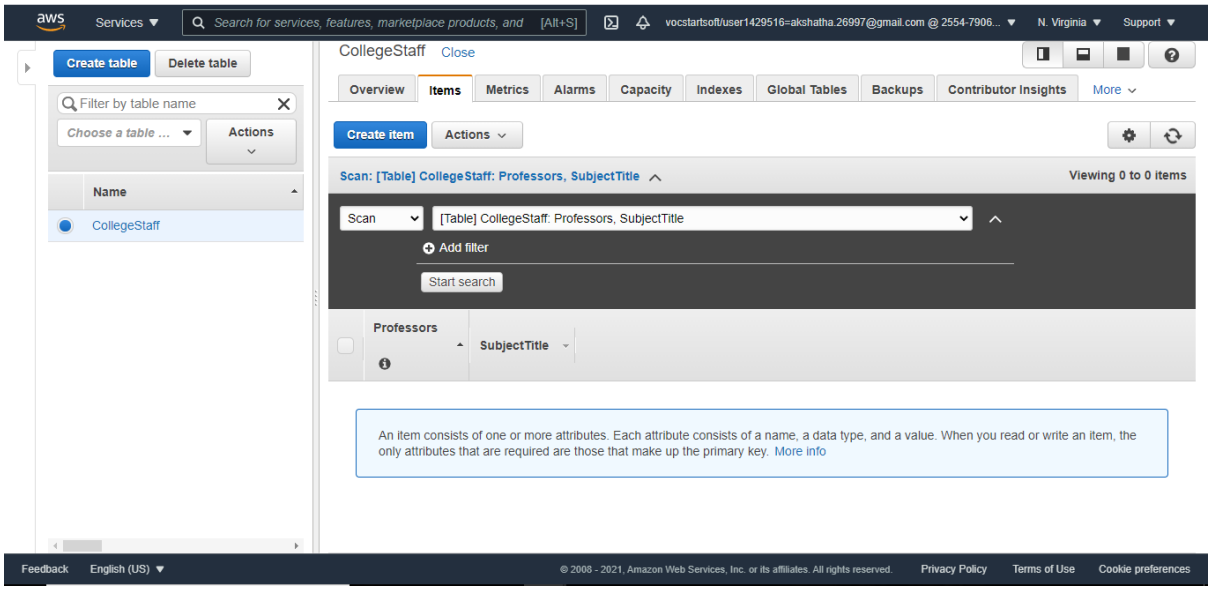
2. The following values are used for :
   Table name - CollegeStaff
   Primary Key - Professors
   Sort Key - SubjectTitle



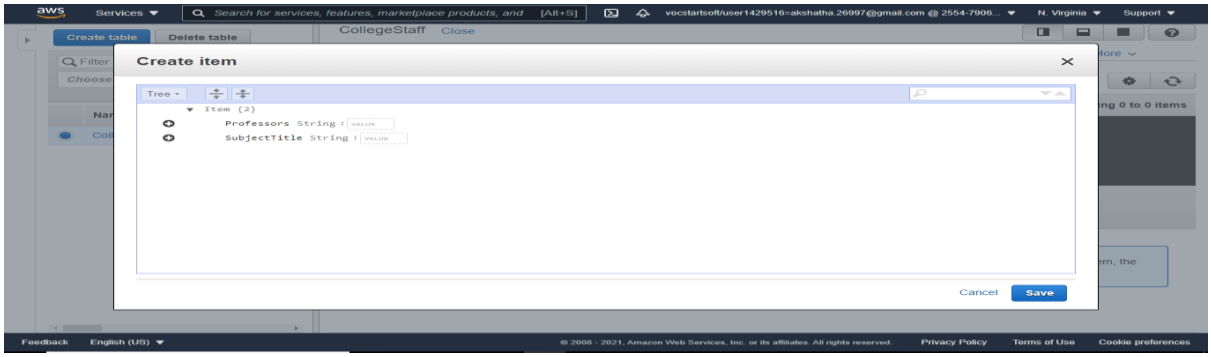
3. Table is successfully created and can be seen in the console.

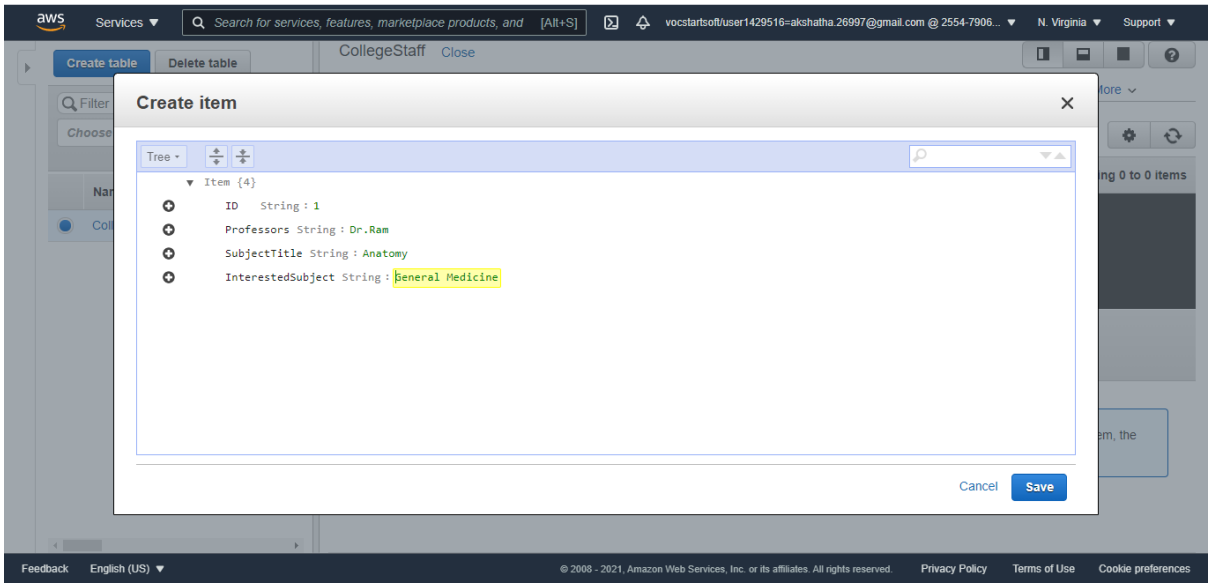


4. Navigate to the “Items” tab , and select “Create Item”

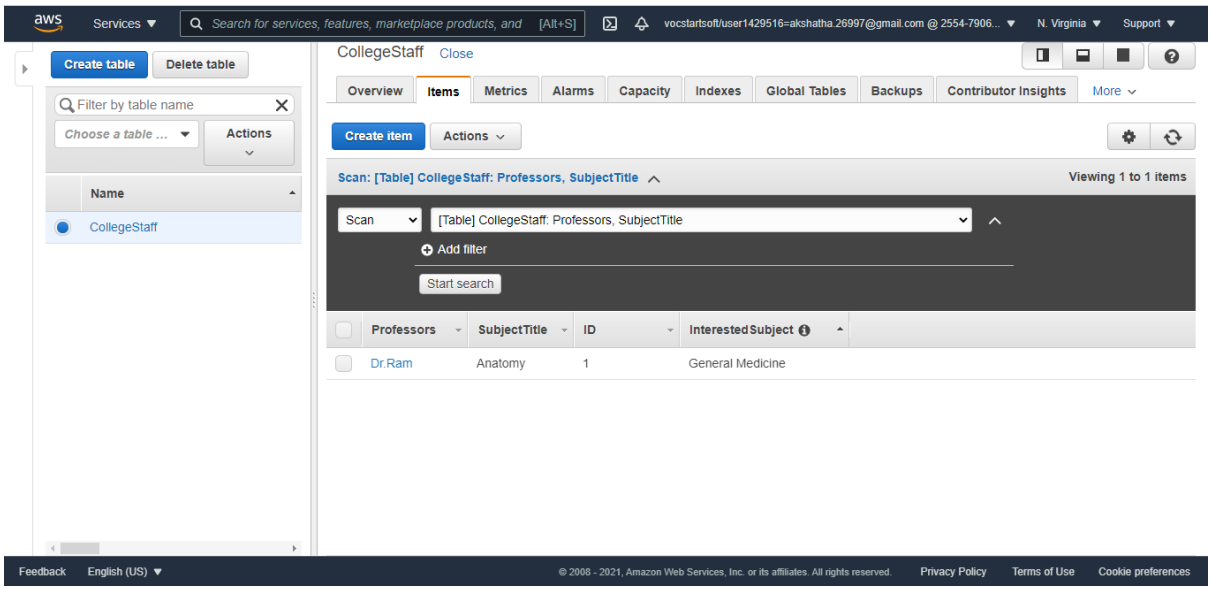


5. By default, Professors and SubjectTitle is shown in the window. Other attributes can be added as shown.

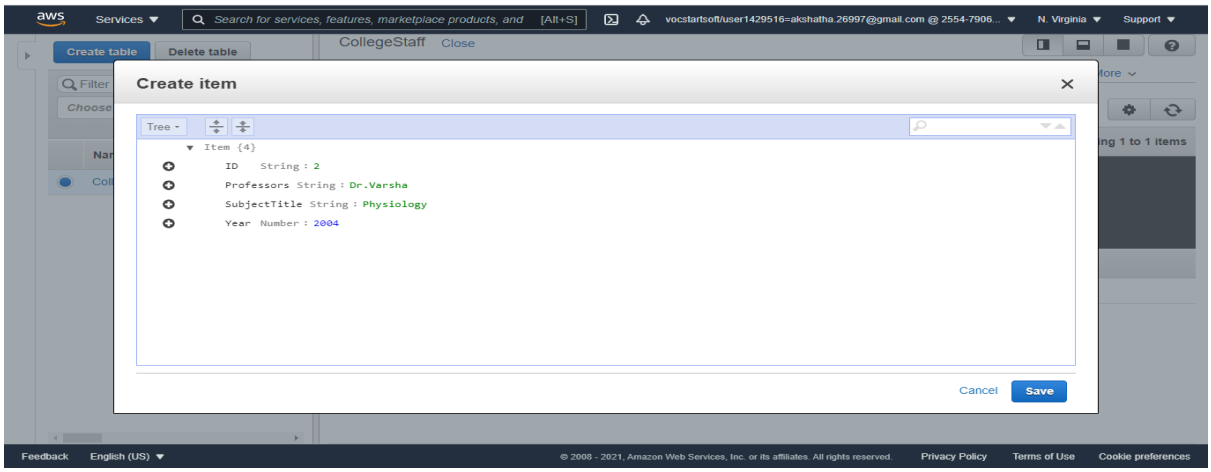


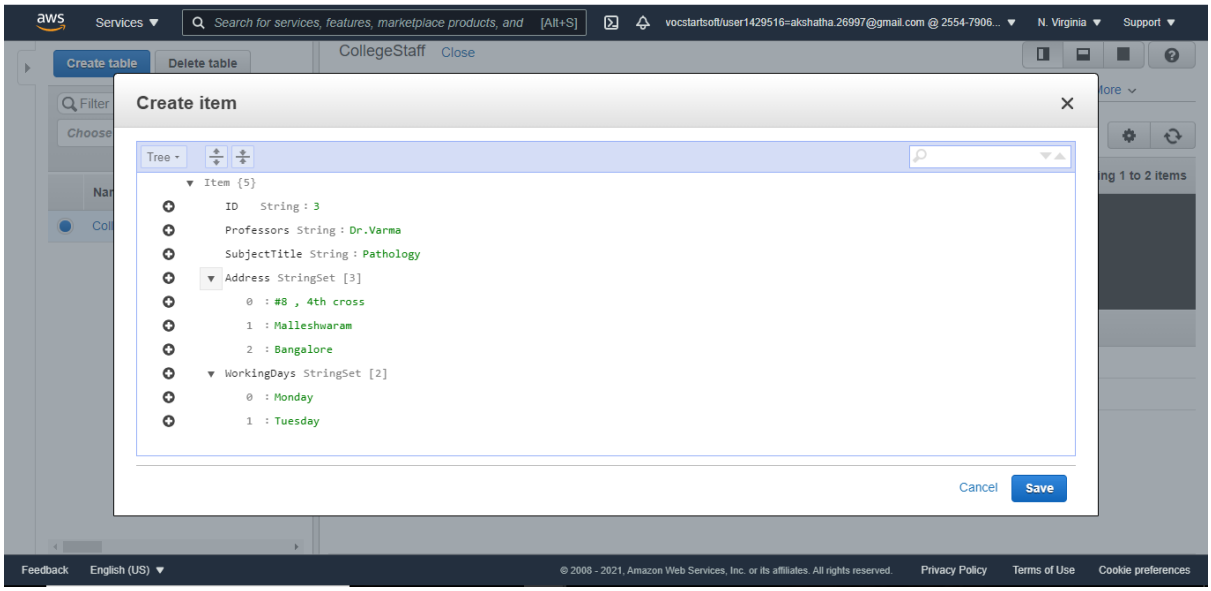


6. One item is added to the table.

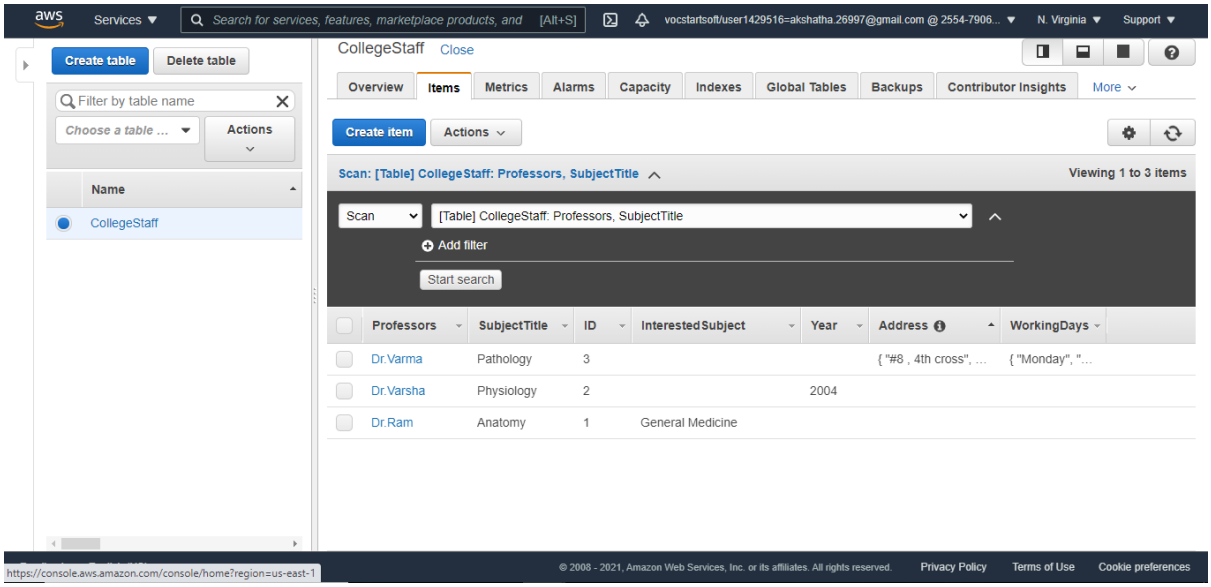


7. Similarly two more items are added to the table as shown.

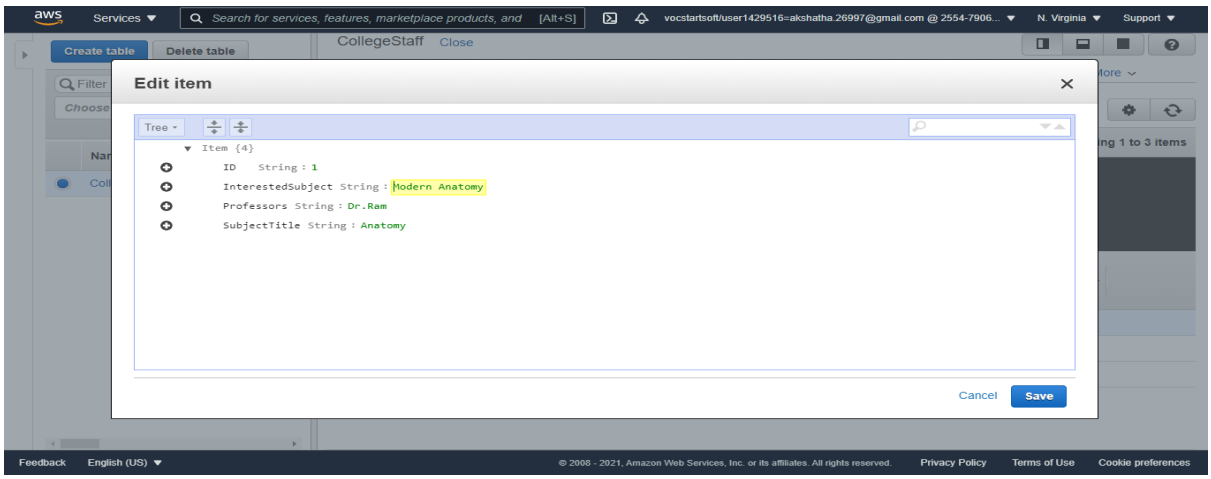




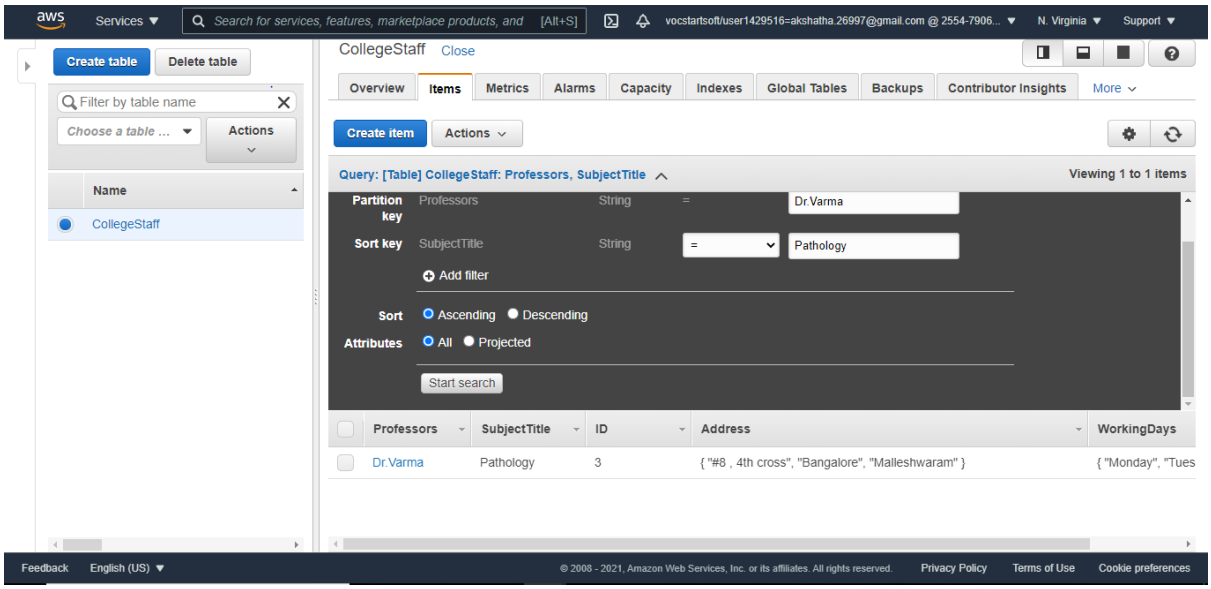
8. 3 items are added to the table.



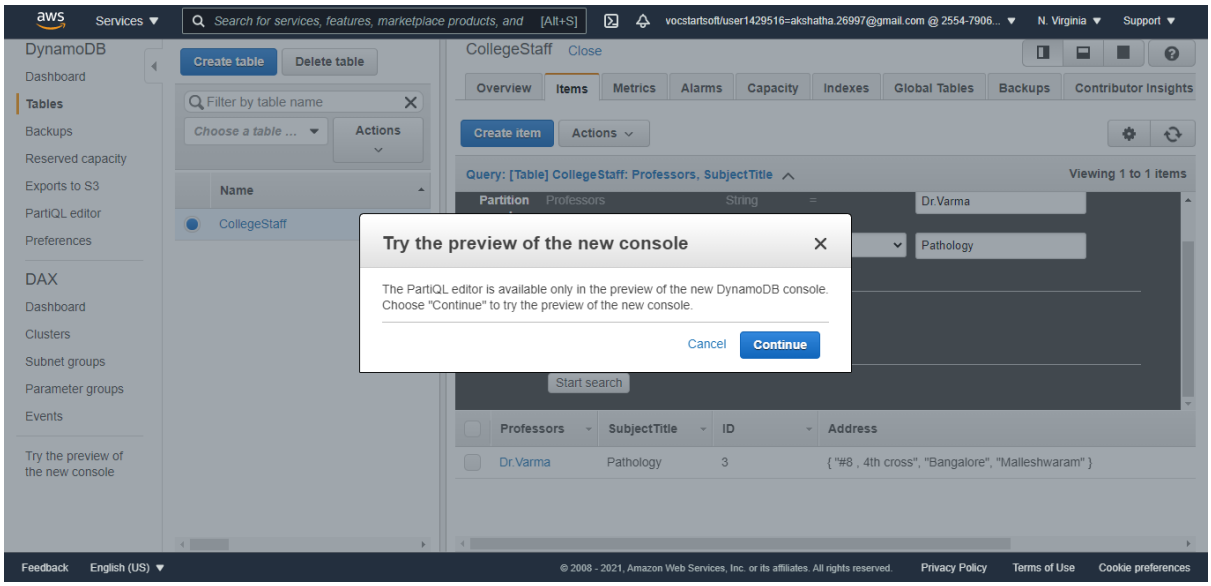
9. An item can be edited , by selecting the item as shown:



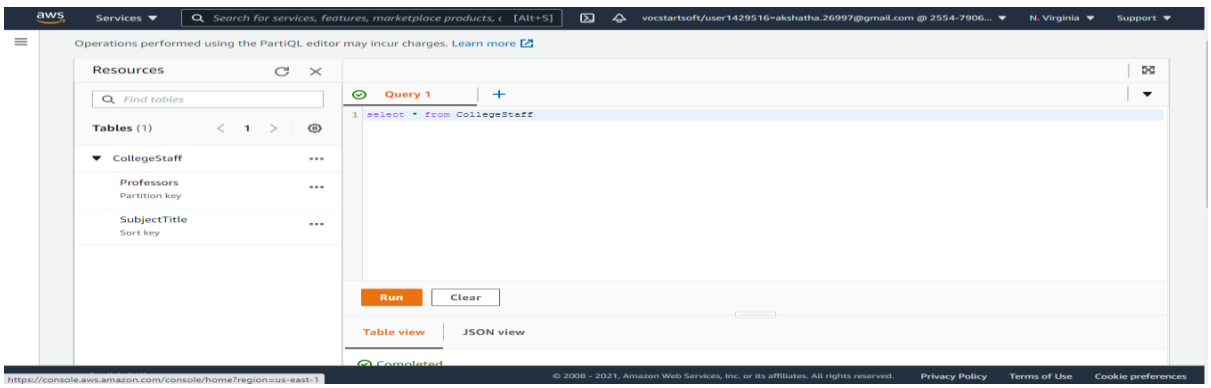
10. To Query data in the table, choose query in the dropdown and give the appropriate values for Partition key and sort key.



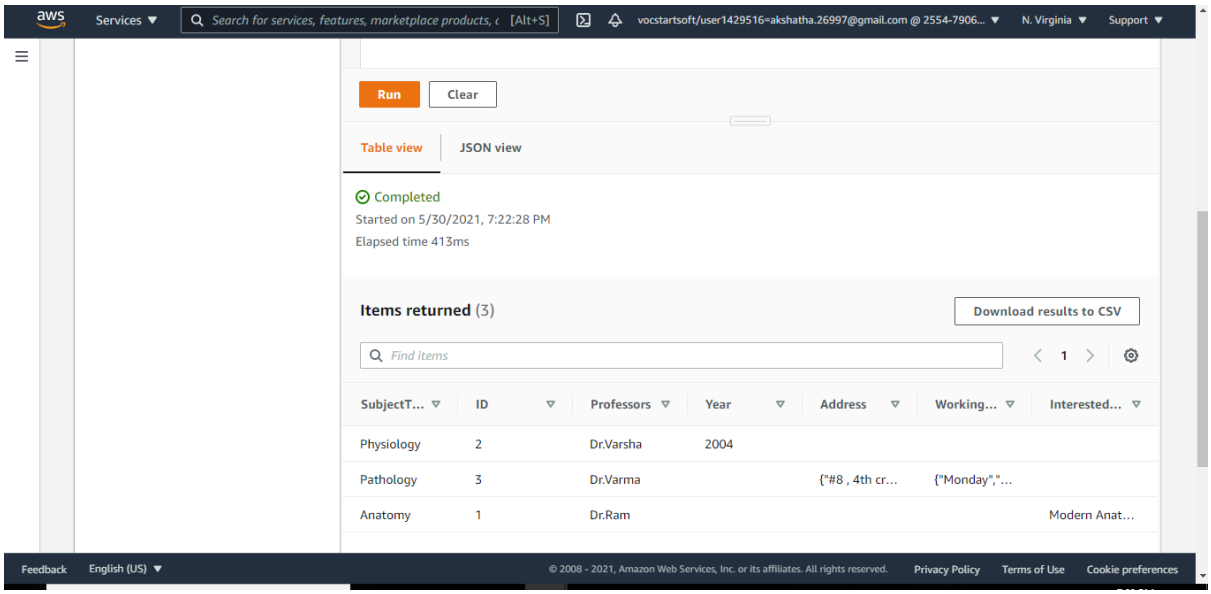
11. Click on PartiQL editor.



12. We can write any query in the query editor window.

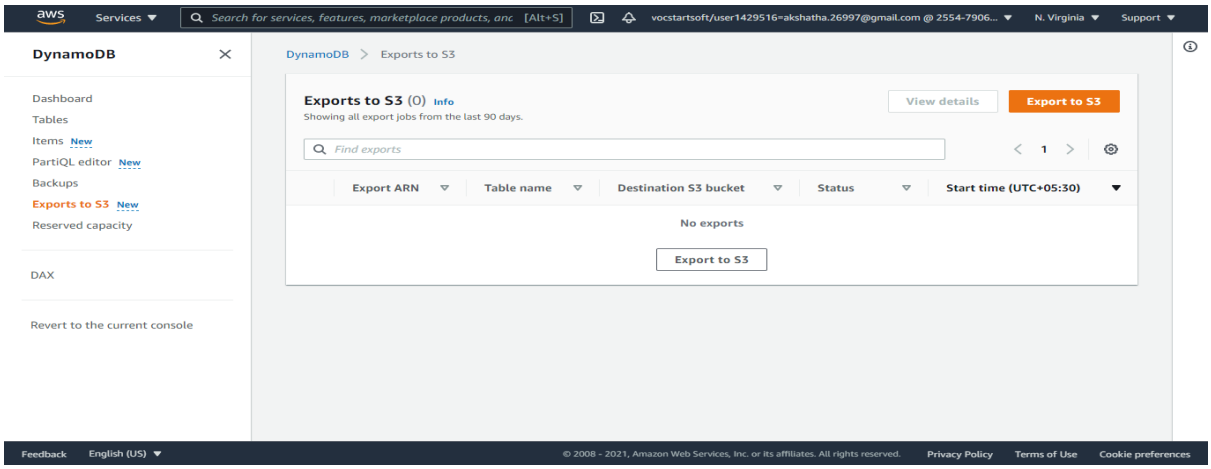


13. We can view the items returned in table view :

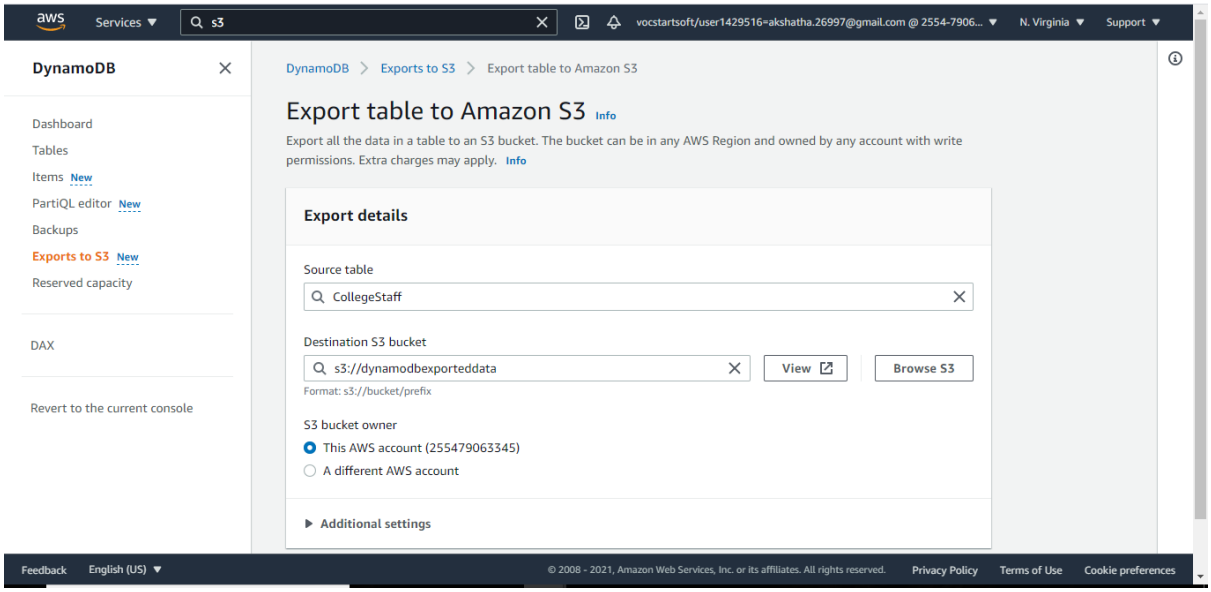


We can also view the items returned in JSON view.

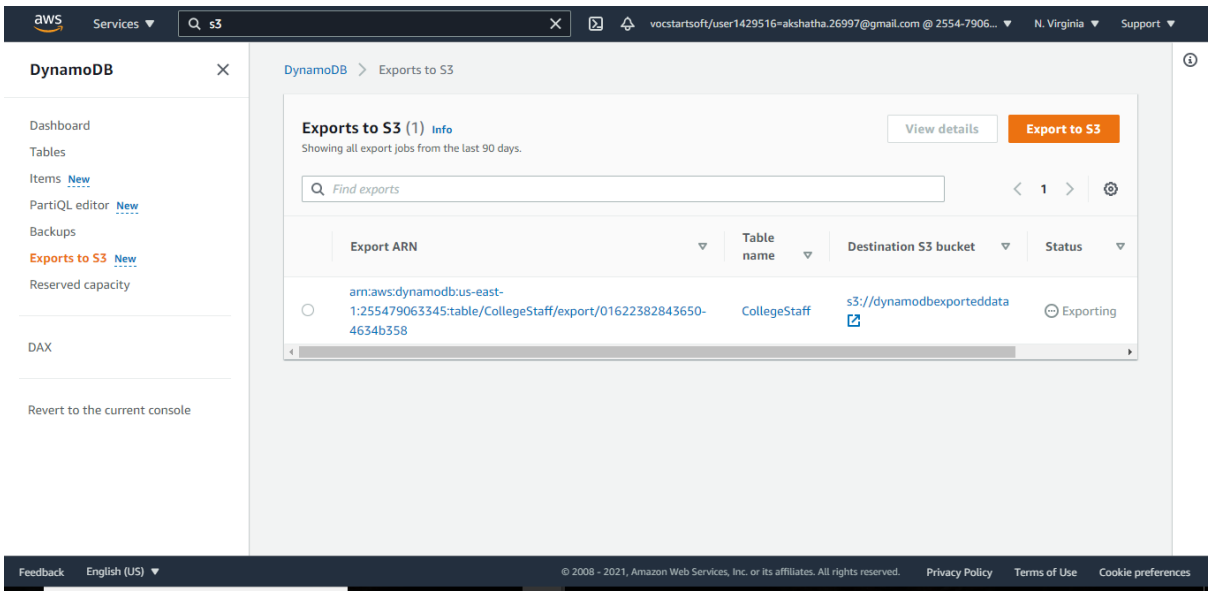
14. To export the data to S3 bucket , click on “Export to S3”



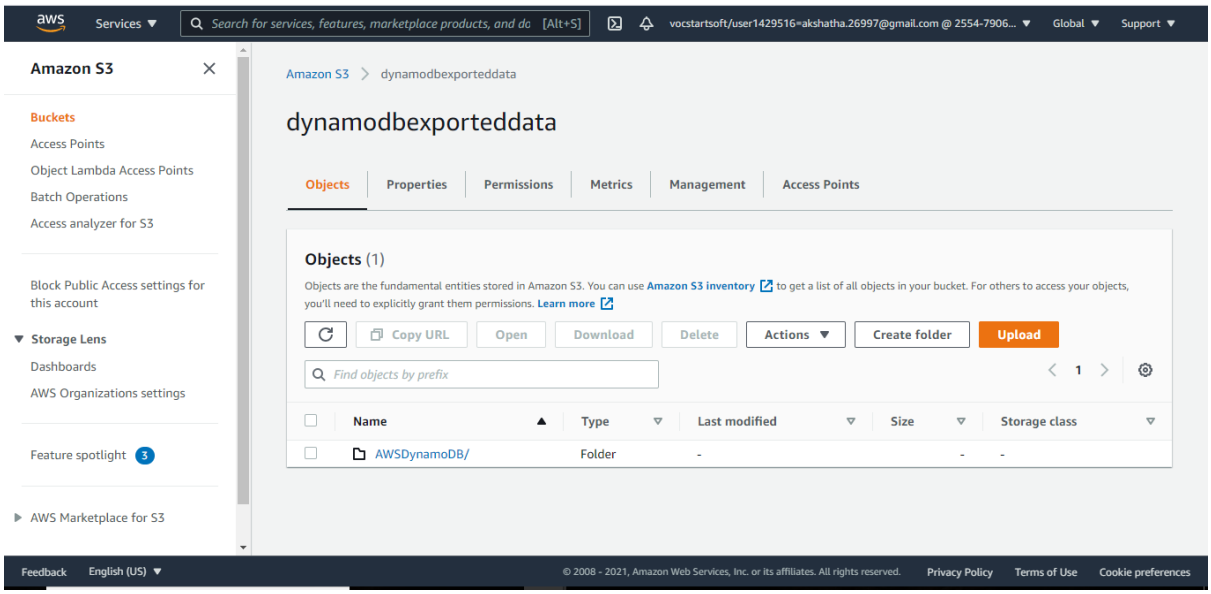
15. Select the source table and browse for the destination bucket.



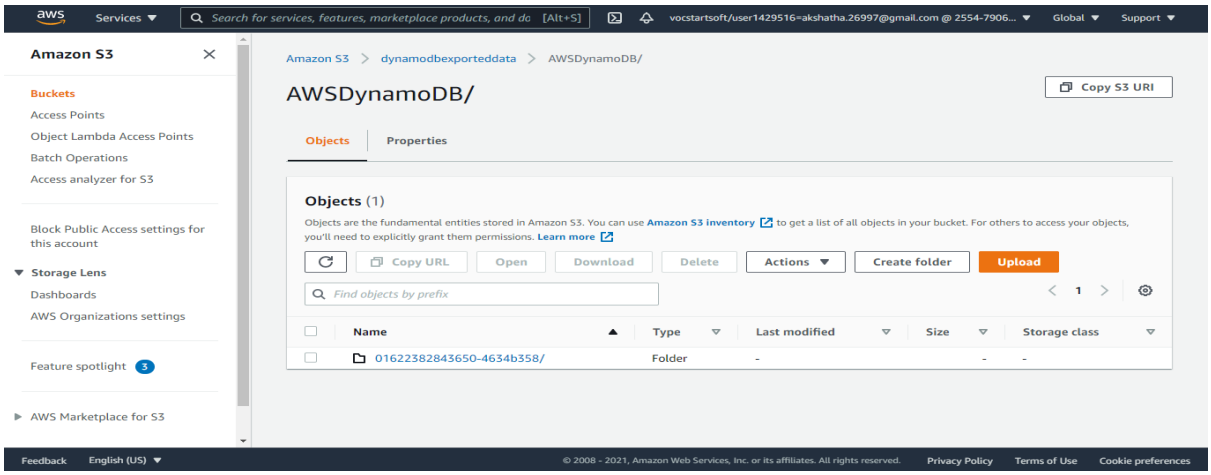
16. The status is shown as “Exporting”. Once the process is completed , the status will be changed to “completed”

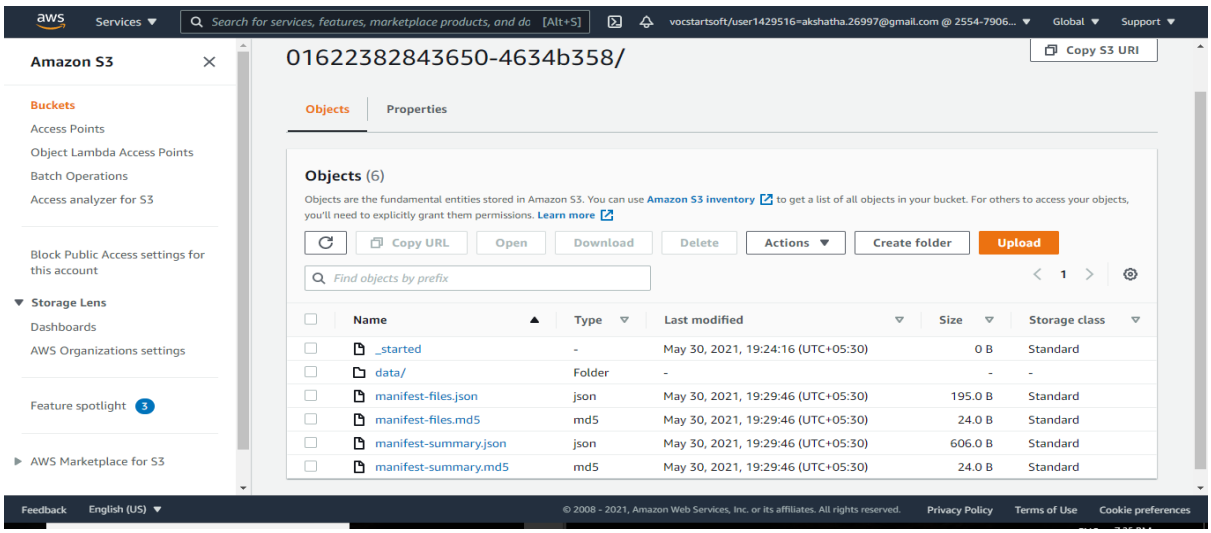


17. Go to the S3 console and click on the destination bucket.

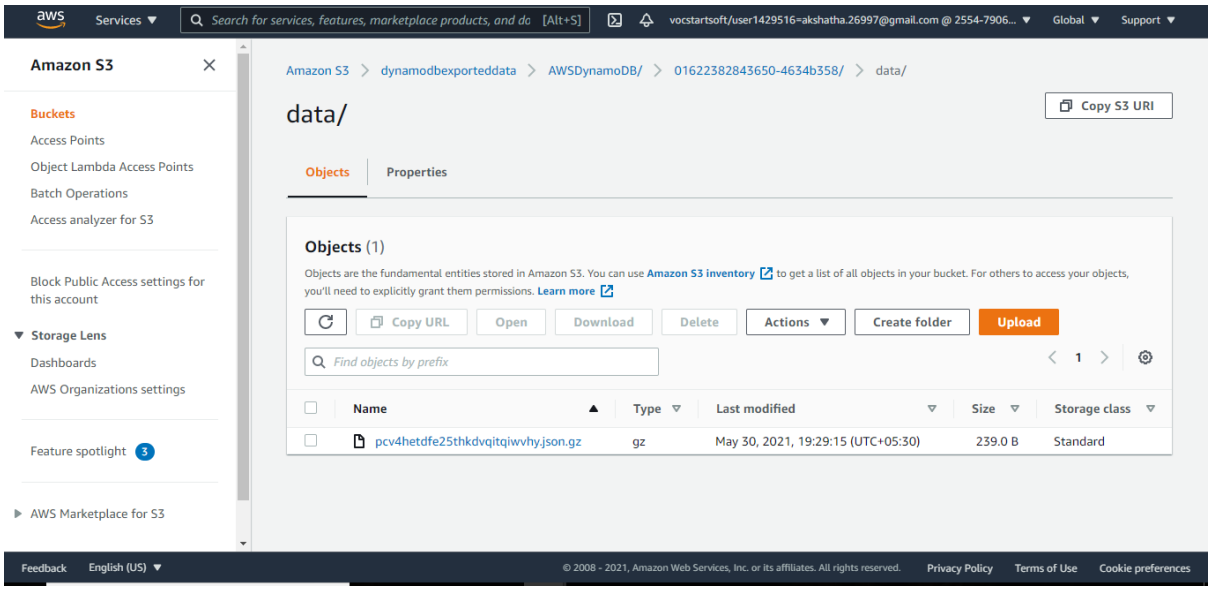


18. Go Inside all the sub folders until you find a folder called “data”

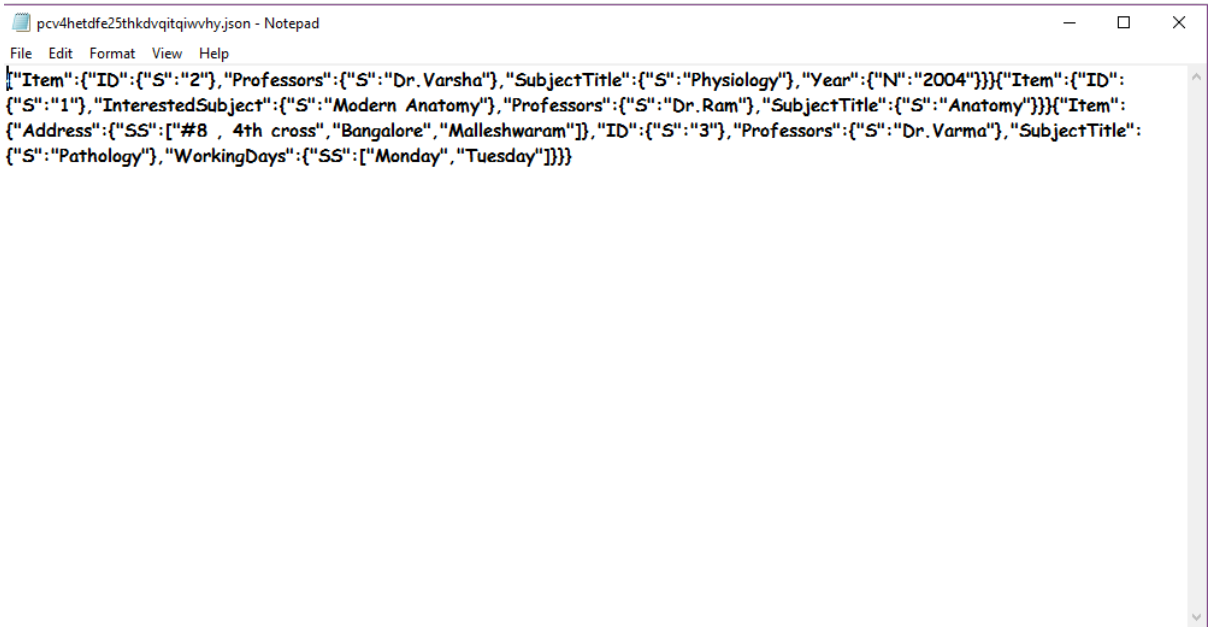




19. The data of table will be in zip format. Download the zip folder and extract the JSON file. The data of the table can be viewed as shown.



The JSON file:



Submitted By,

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