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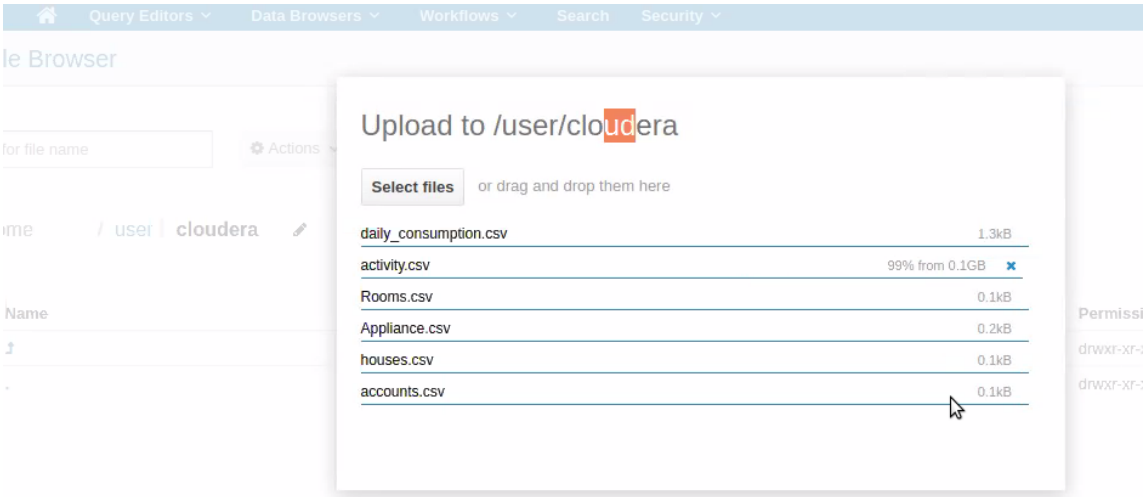
Dimensional Modeling in Hive

To do dimensional modeling in Hive first we need to load our data from csv into the dw_project tables. All the csv files were uploaded to Cloudera directory.



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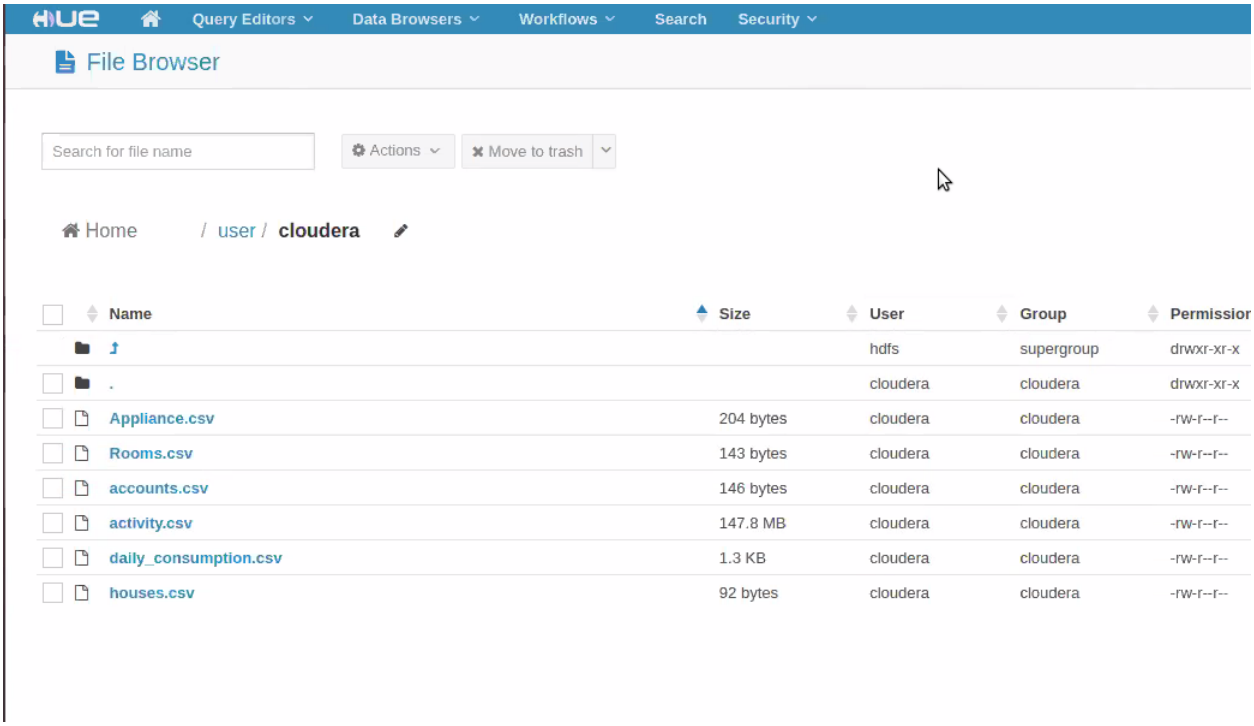
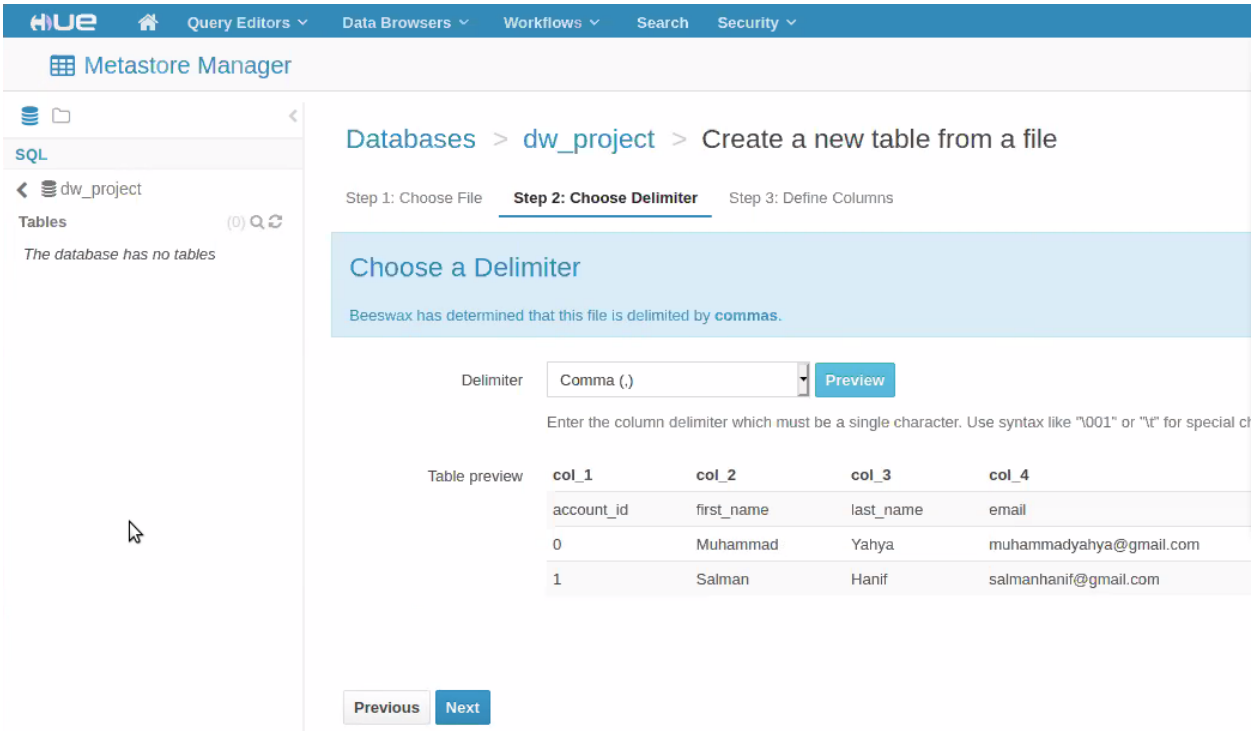


Creating Tables after uploading data CSV:

The following snapshots are how we imported the data into hive from our CSV files. Each csv file was assigned a individual table.



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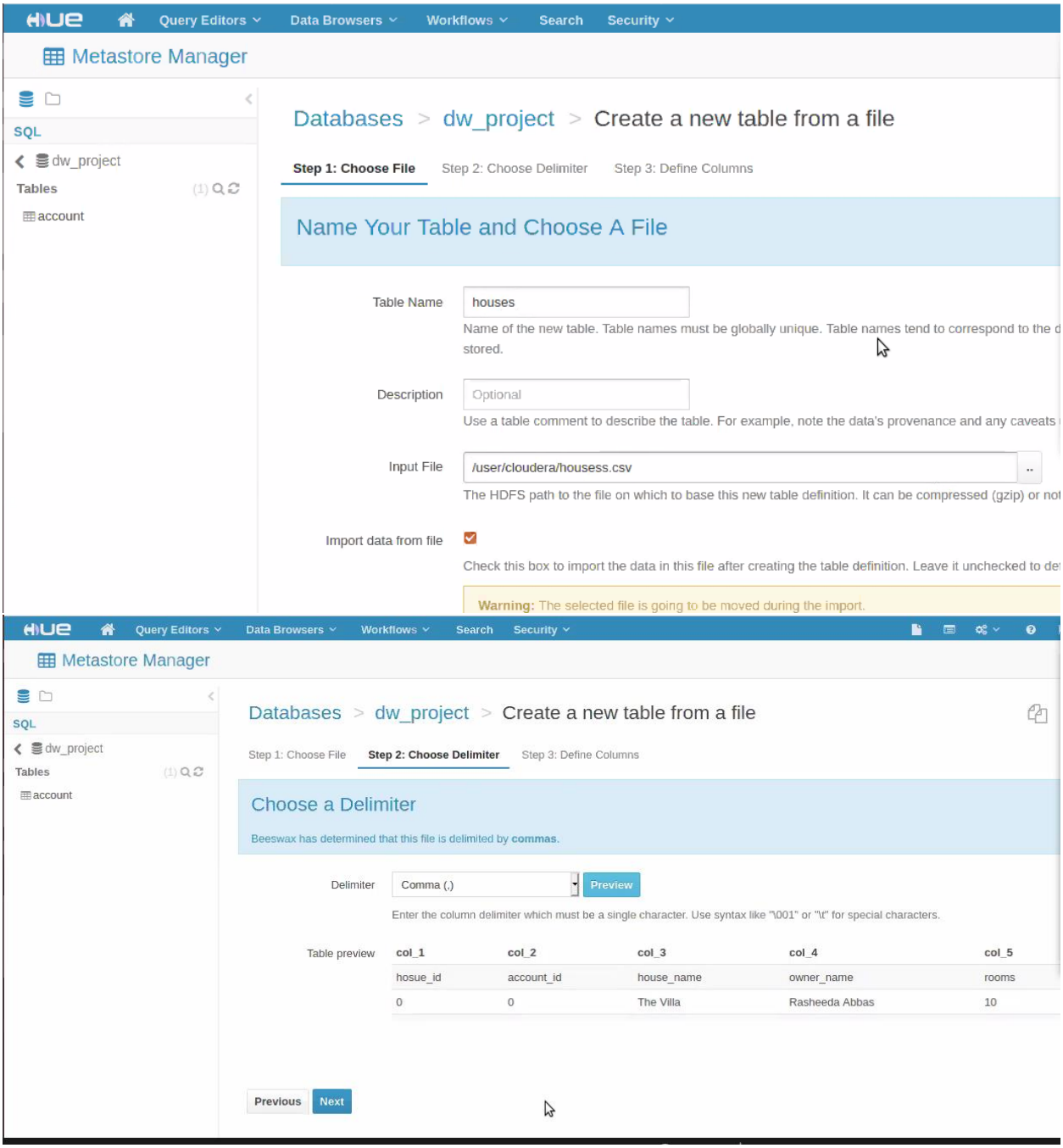

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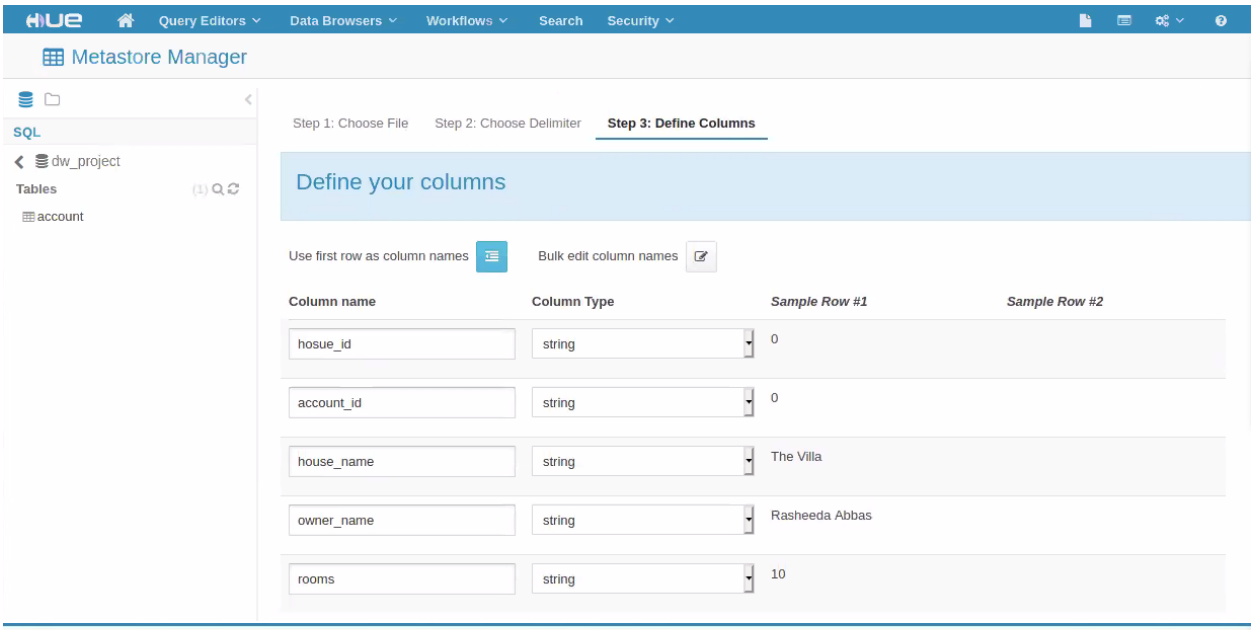

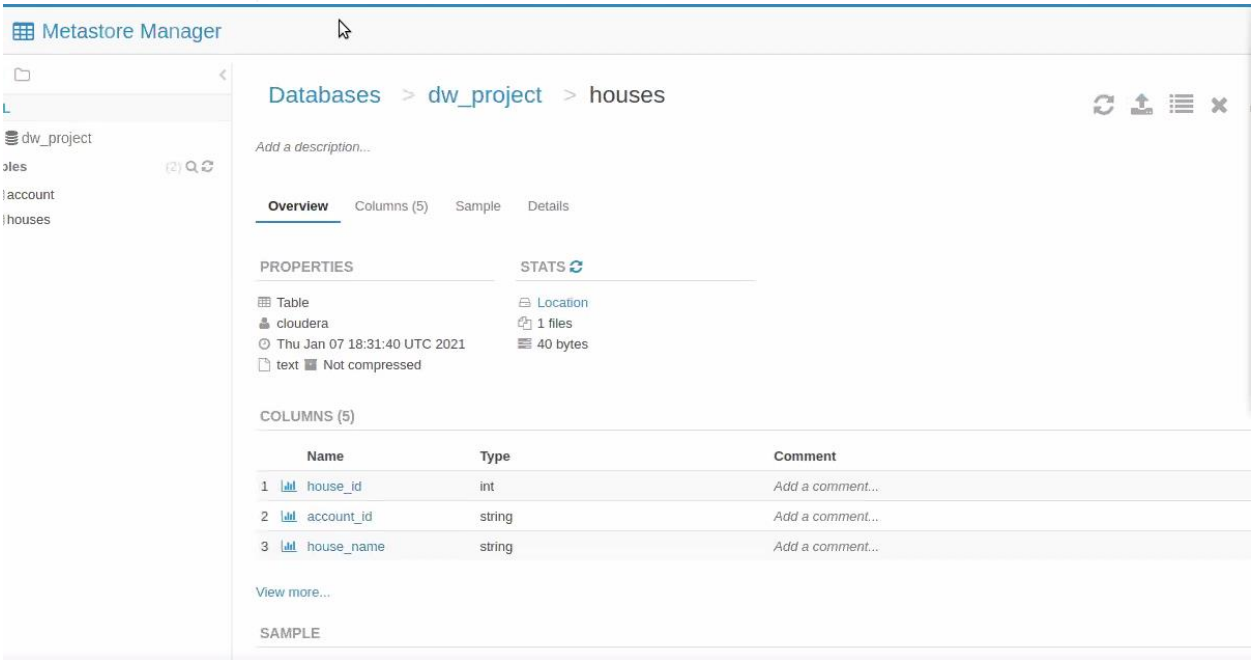

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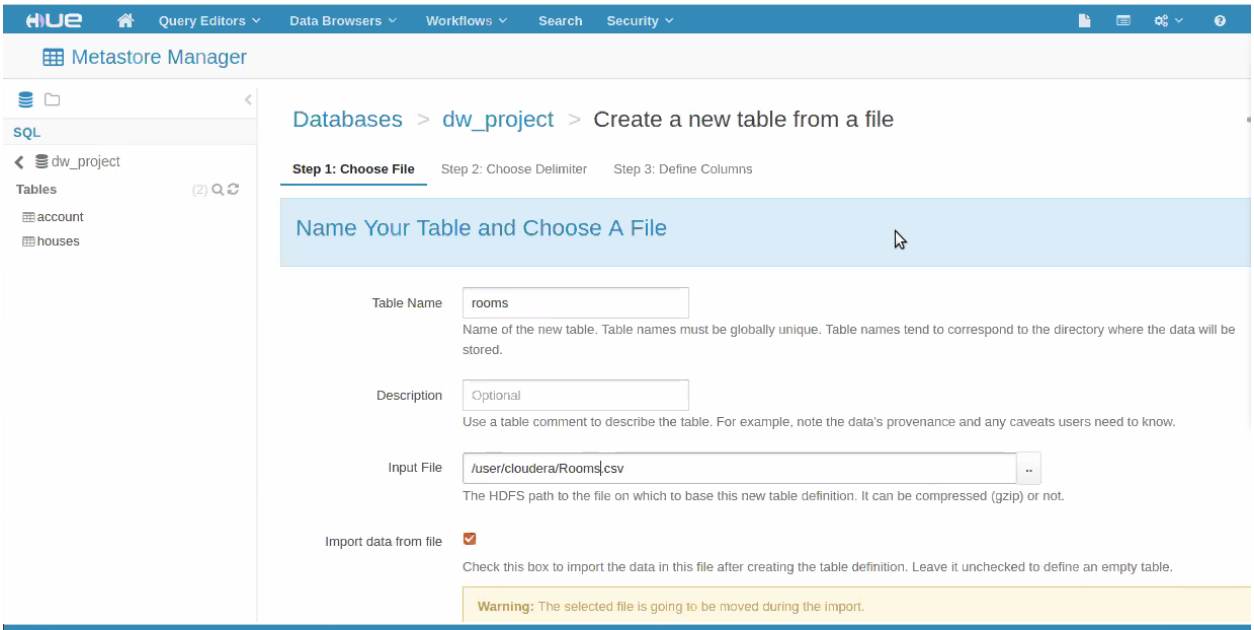

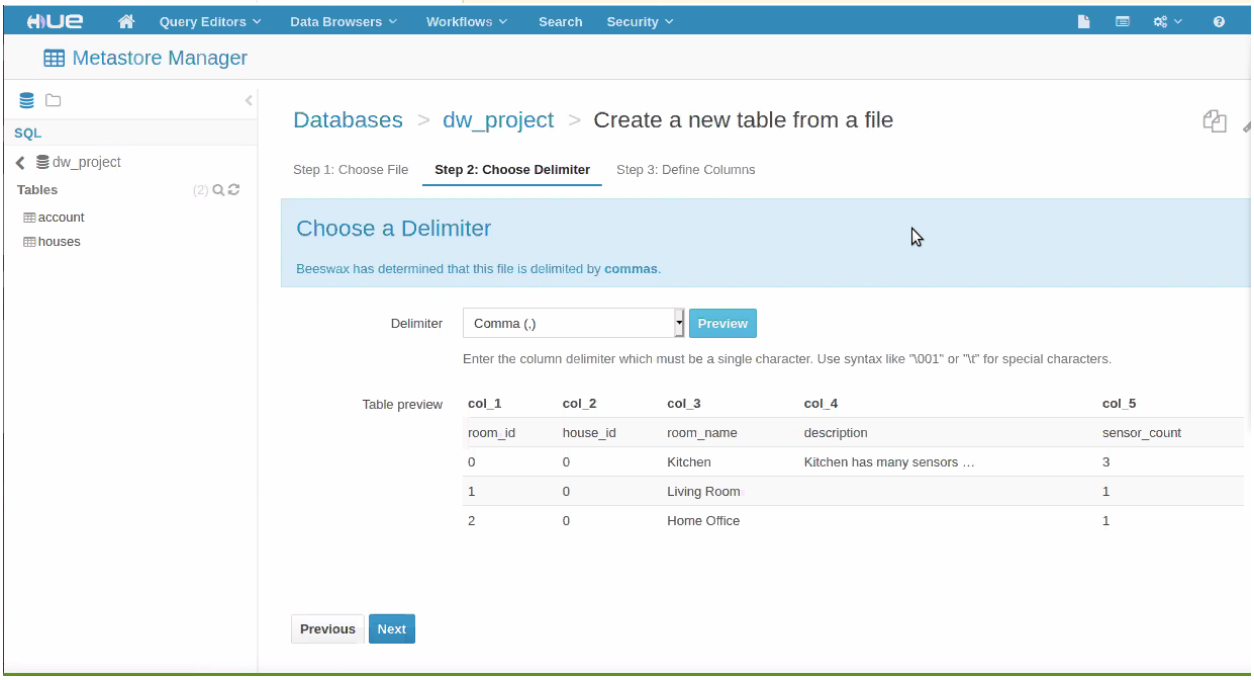

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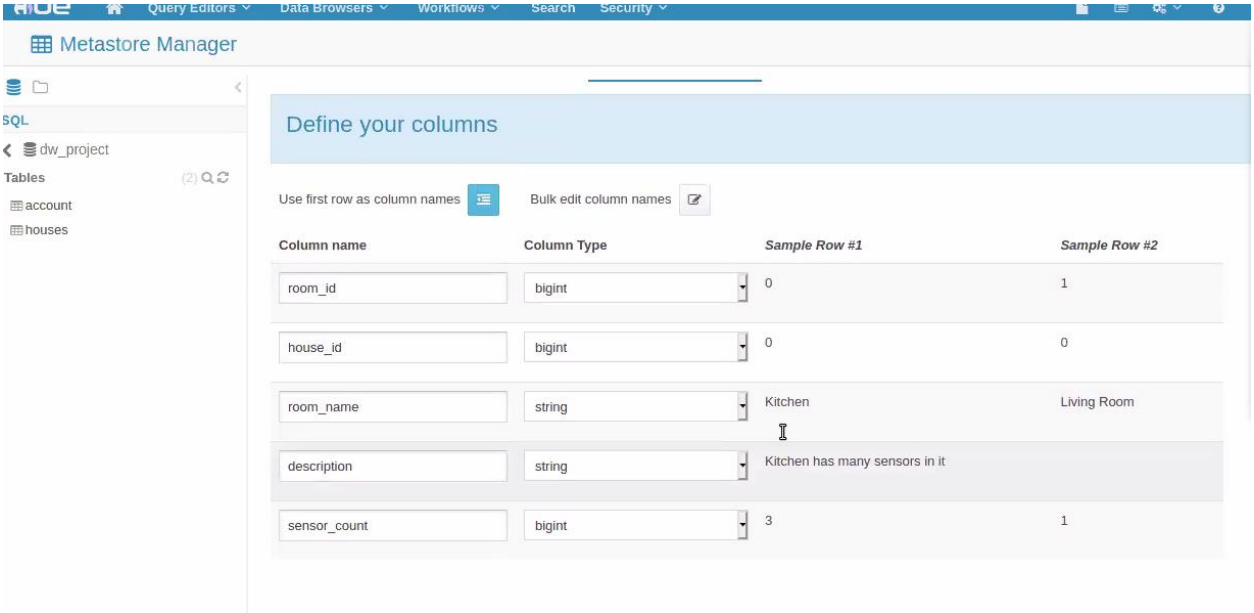

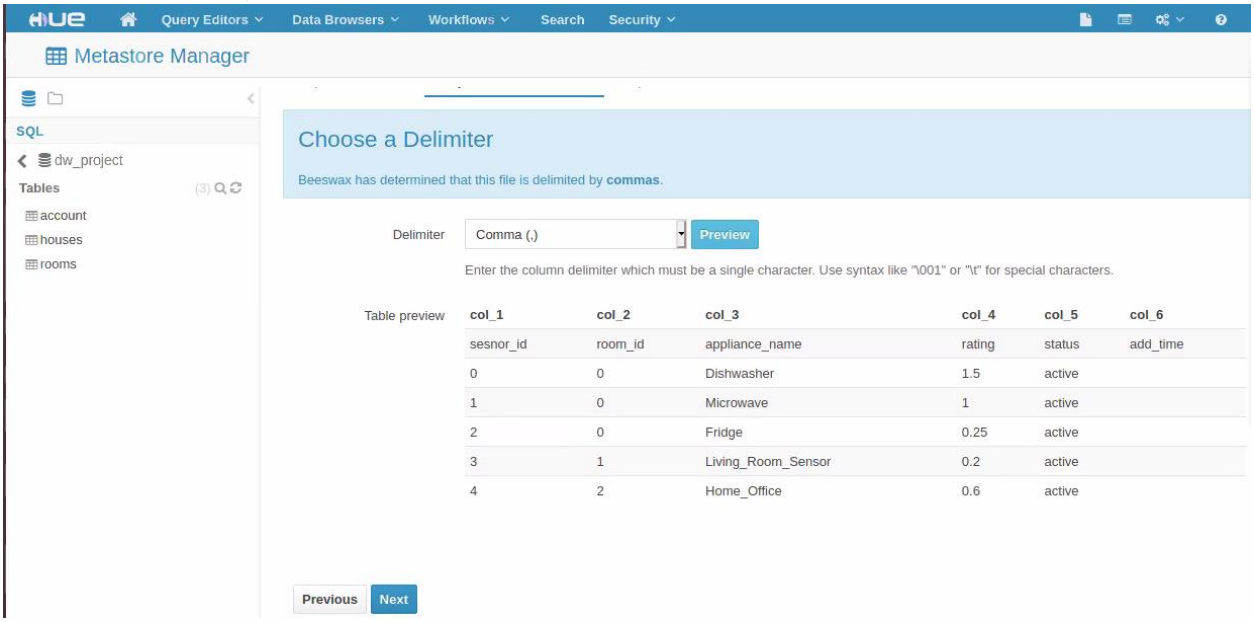

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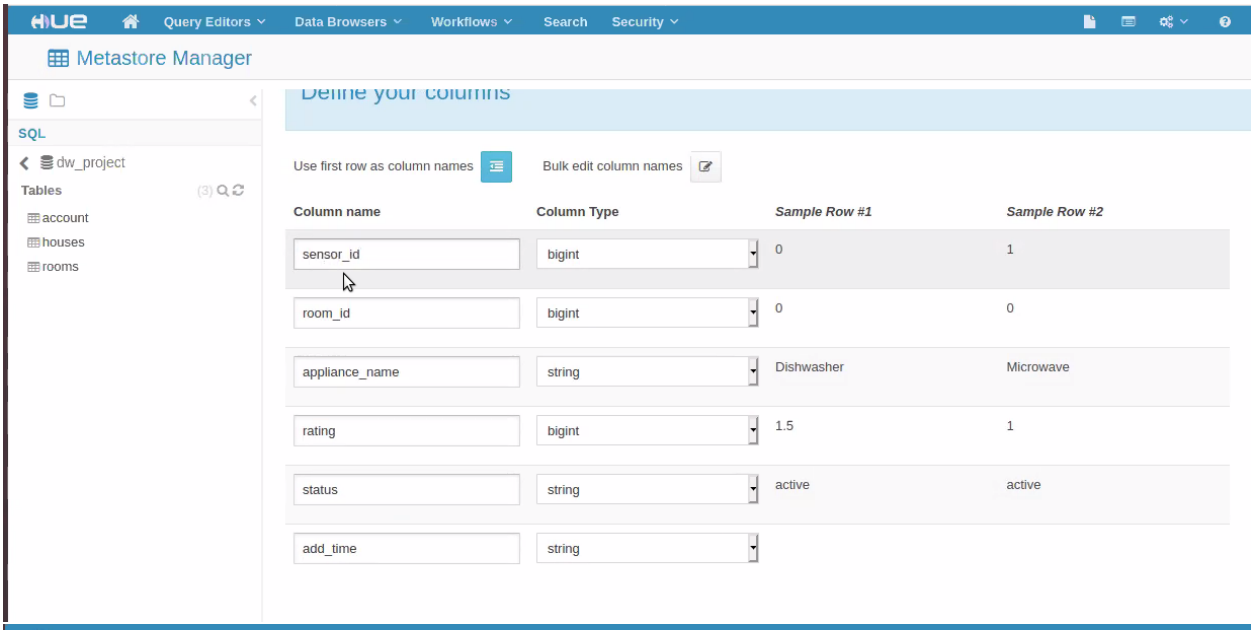

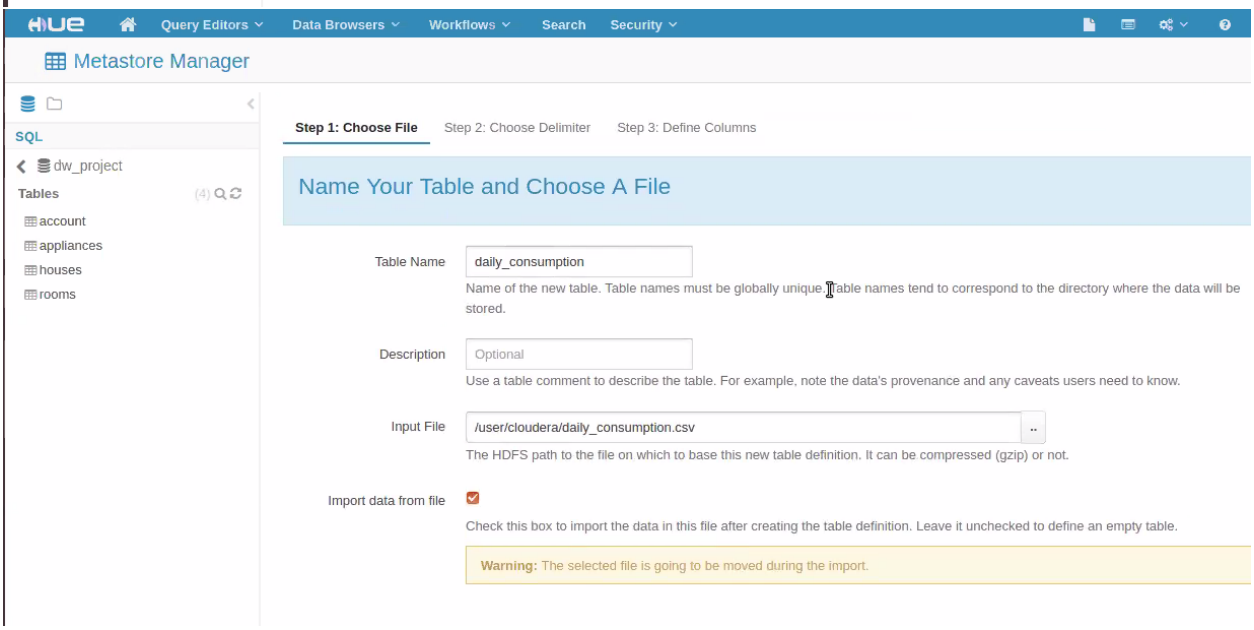

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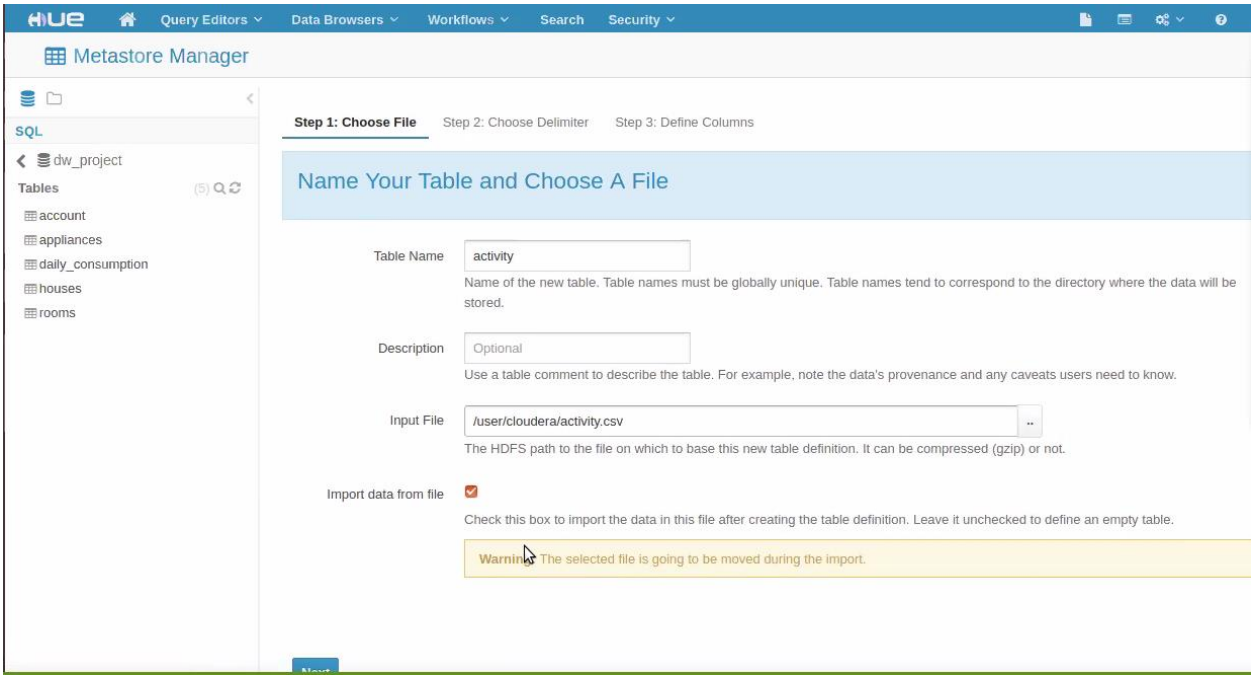

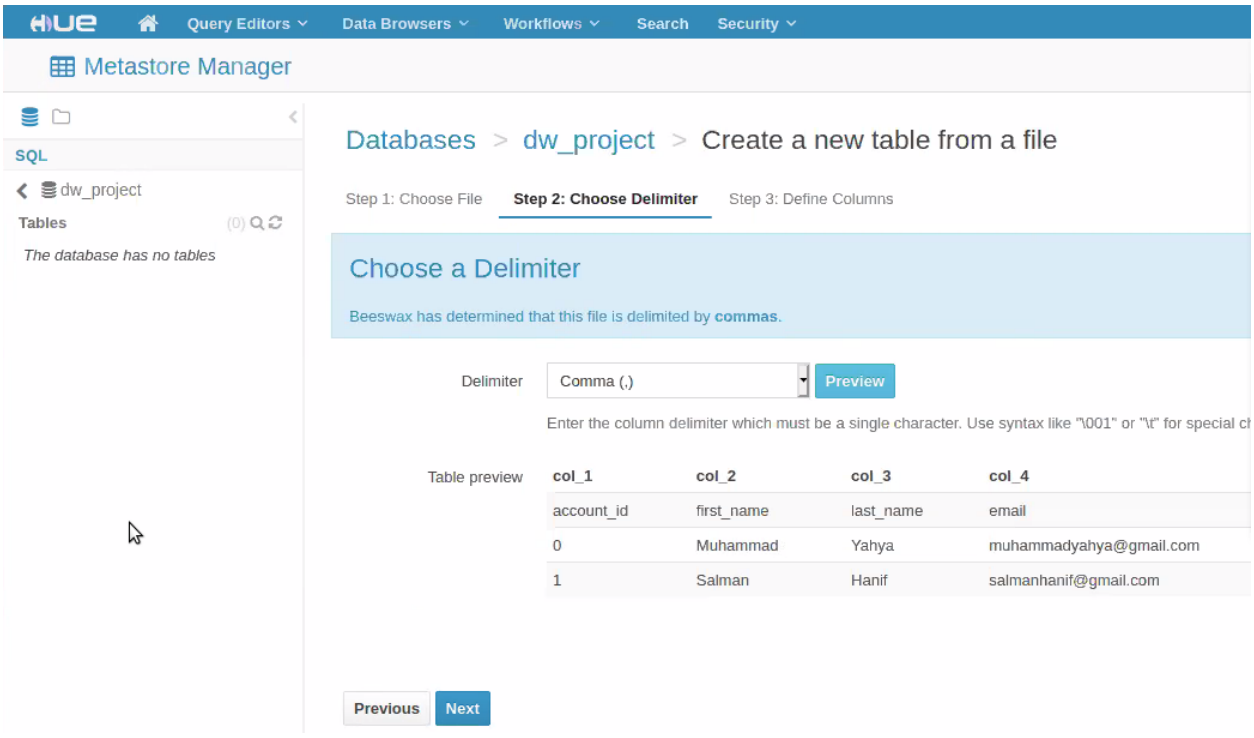

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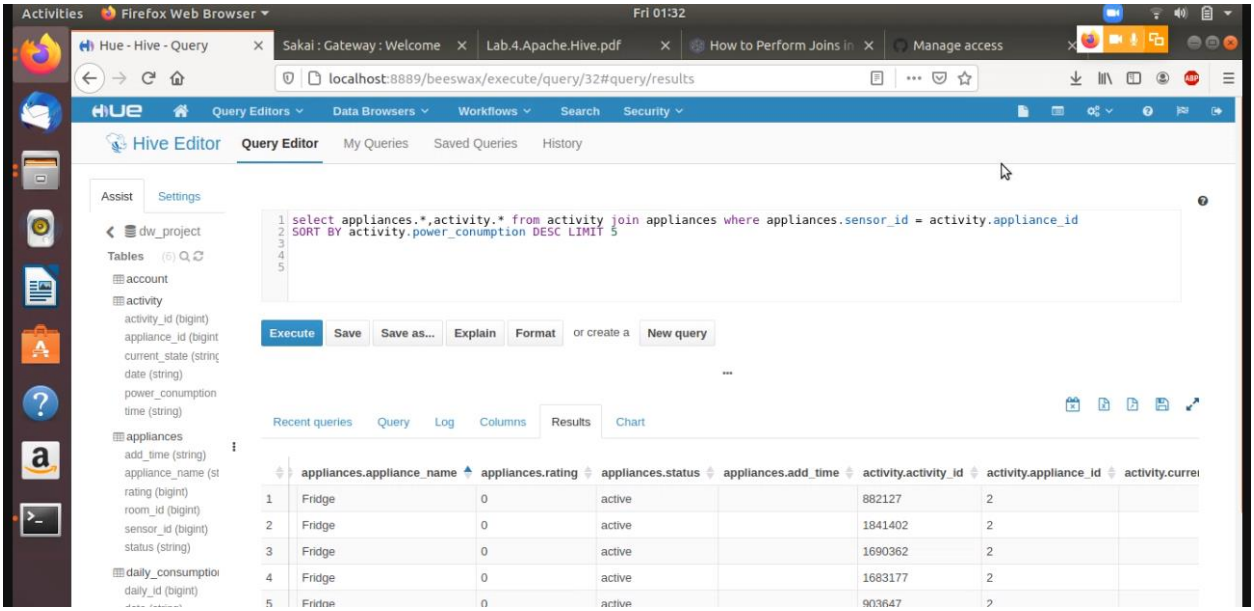
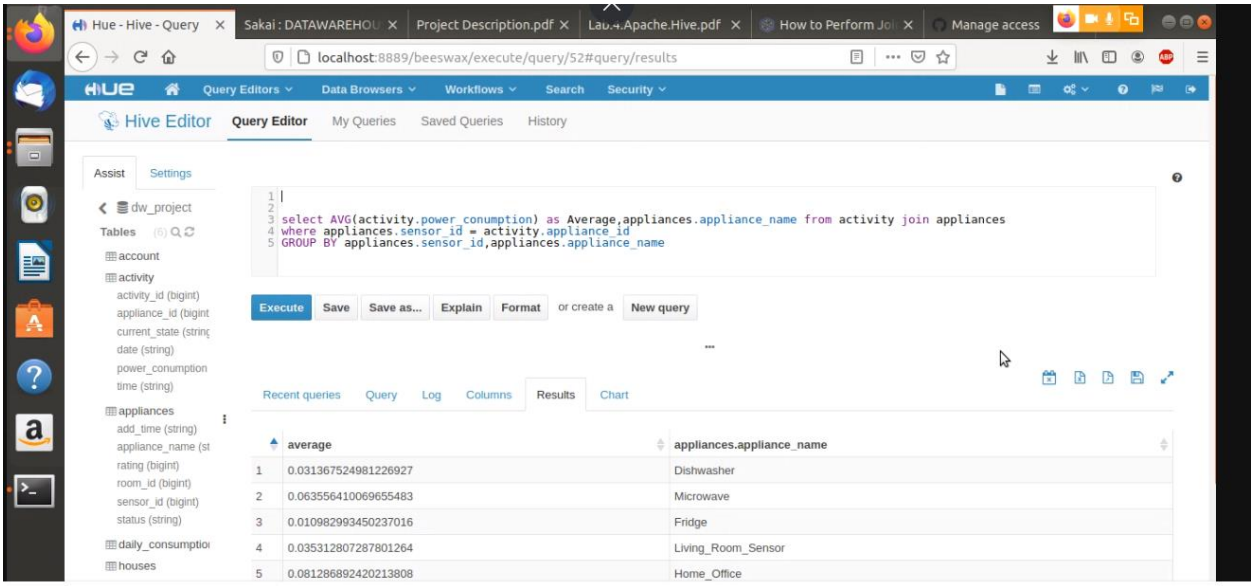
Queries on Hive:

Basic Queries:

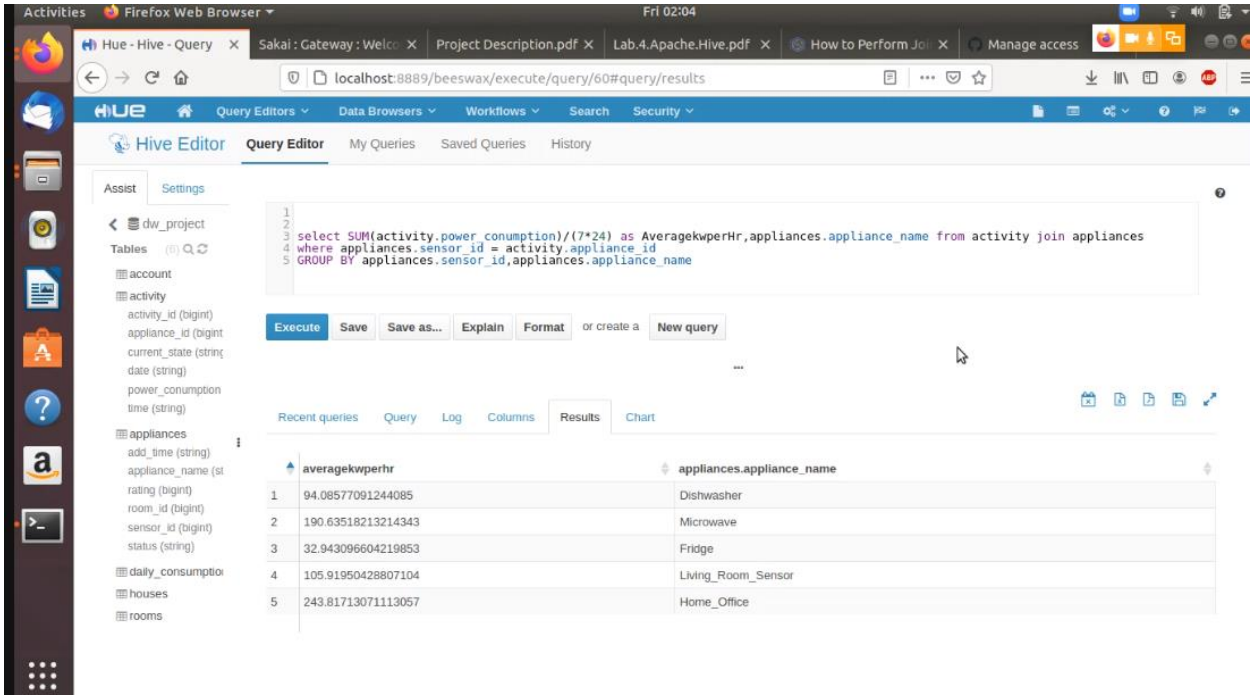
1) Top 5 Power Consumption Activities in the House



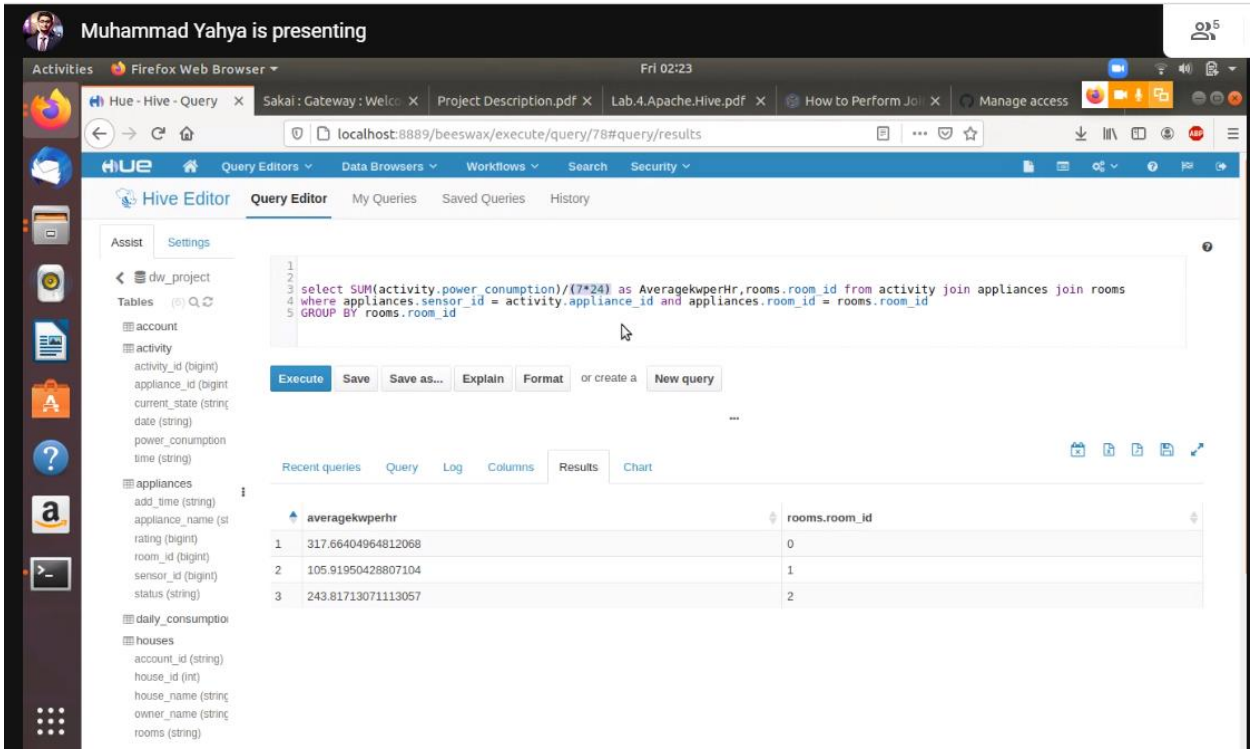
2) Average Electrical Consumption of the appliances for the whole week



3) Average Electrical Consumption of the appliances for the day



4) Average of the total electric consumption with respect to Room



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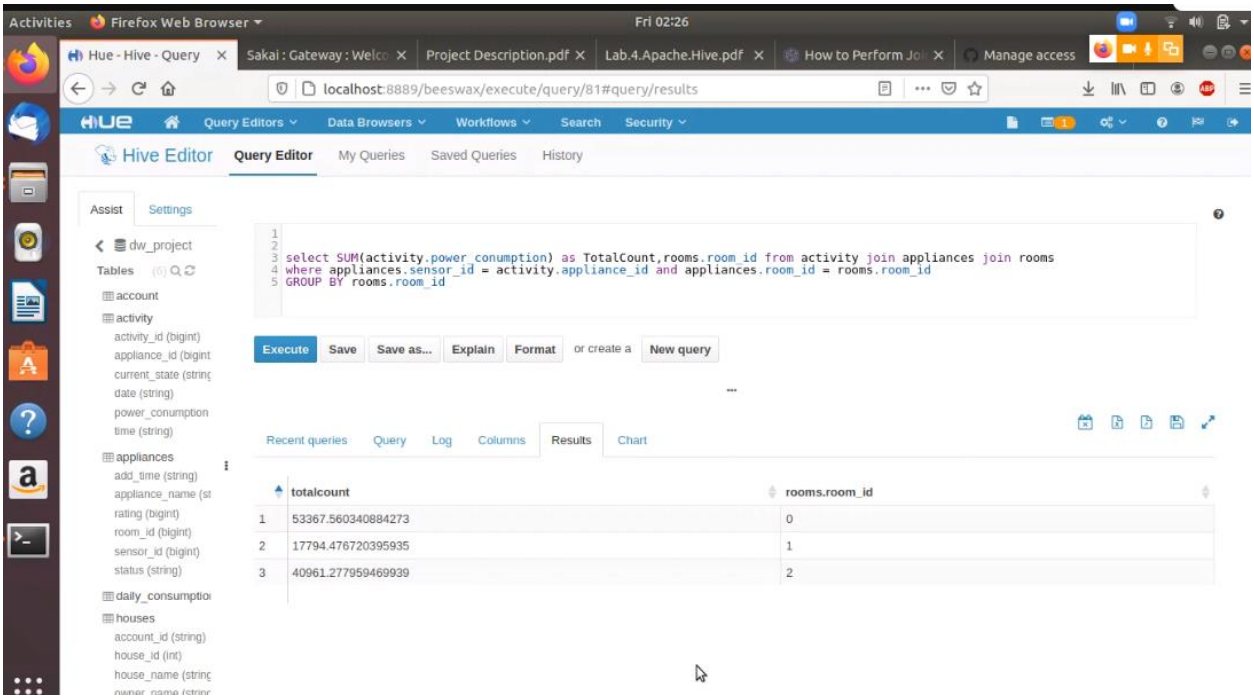
5) Sum of the total electric consumption with respect to Room