DSC 650 – Big Data

Week 8 Assignment

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Screenshot showing ‘mynewcollection’ in the Solr Web Interface

A screenshot of a computer

Description automatically generated

Screenshot showing successful data ingestion messages in the terminal.

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Screenshots of the JSON response for both queries.

Query 1:

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Query 2:

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Screenshots of different queries and their results from the Solr Web Interface.

Number of products in each category

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Products in the ‘Electronics’ category.

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Products in the ‘Books’ category.

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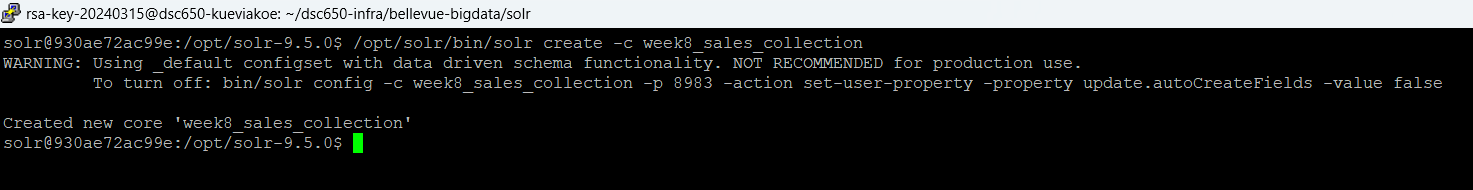
Prices greater than or equal to 50

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Create a new collection in Solr

/opt/solr/bin/solr create -c week8\_sales\_collection



Let's create a json file and call it sales.json

A screen shot of a computer screen

Description automatically generated

Let’s add the data to the collection

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Description automatically generated

Queries:

All documents from the collection

Sales where category = clothing

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Number of sales by category

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Category = kitchen

curl "http://localhost:8983/solr/week8\_sales\_collection/select?q=category:Kitchen"

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Total sales price is higher or equal to 650

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