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CS340

SNHU

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**Data Aggregation Pipeline**

1. Using the mongoimport tool, **create the database** “companies” by loading the documents found in the “companies.json” file into the “research” collection. This file is located in the “/usr/local/datasets/” directory in Apporto. Verify your load by issuing the following queries:

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1. db.research.fin({“name” : “AdventNet”})

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1. db.research.find({“founded\_year” : 1996},{“name”:1}).limit(10)

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2. Perform the following tasks using MongoDB queries:

a. List only the first 20 names of companies founded after the year 2010, ordered alphabetically.

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1. List only the first 20 names of companies with offices in either California or

Texas, ordered by the number of employees and sorted largest to smallest.

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3. **Design and implement a MongoDB aggregation pipeline** to show the total number of employees by state for all companies that have offices in the United States.

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