In-Class Activity #8: NoSQL Part 2

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| **Submission Instructions**  Submit your solutions as a Word or PDF file through the form. |
| Use MongoDB Compass and open the airbnbDB. Uses the airbnb collection to answer the questions below.  **Here is an example of what a document in this collection looks like (JSON Pretty Print):**  Airbnbdb.airbnb  {  "\_id": "25167125",  "listing\_url": "https://www.airbnb.com/rooms/25167125",  "room\_type": "Private room",  "minimum\_nights": "1",  "maximum\_nights": "1125",  "bedrooms": 1,  "beds": 1,  "number\_of\_reviews": 11,  "bathrooms": {  "$numberDecimal": "1.0"  },  "amenities": [  "Wifi",  "Air conditioning",  "Kitchen",  "Free parking on premises",  "Pets allowed",  "Breakfast",  "Free street parking",  "Heating",  "Smoke detector",  "First aid kit",  "Essentials",  "Shampoo",  "Hangers",  "Laptop friendly workspace",  "Private entrance",  "Bed linens",  "Extra pillows and blankets",  "Luggage dropoff allowed",  "Cleaning before checkout",  "Disabled parking spot",  "Accessible-height bed",  "Host greets you"  ],  "host": {  "host\_id": "11490944",  "host\_url": "https://www.airbnb.com/users/show/11490944",  "host\_name": "Rachelle",  "host\_location": "Montreal, Quebec, Canada",  "host\_about": "I am a traveler at heart and free spirit. I love people and enjoy their company. I am happy to help with anything I can. \r\nYou are welcome in my home.\r\nI promise that you will enjoy your stay.\r\nLiving Free!",  "host\_response\_time": "within an hour",  "host\_thumbnail\_url": "https://a0.muscache.com/im/pictures/b07f65b1-5ad0-4570-b489-3a6ecf66a40e.jpg?aki\_policy=profile\_small",  "host\_picture\_url": "https://a0.muscache.com/im/pictures/b07f65b1-5ad0-4570-b489-3a6ecf66a40e.jpg?aki\_policy=profile\_x\_medium",  "host\_neighbourhood": "Dorval",  "host\_response\_rate": 100,  "host\_is\_superhost": false,  "host\_has\_profile\_pic": true,  "host\_identity\_verified": false,  "host\_listings\_count": 3,  "host\_total\_listings\_count": 3,  "host\_verifications": [  "email",  "phone",  "reviews",  "jumio",  "offline\_government\_id",  "selfie",  "government\_id",  "identity\_manual"  ]  }  } |
| **Here is how to view the MongoDB code for an aggregation pipeline:**   1. Connect to the server on MongoDB Compass. 2. Open the database and collection and click on the aggregations tab. 3. After creating your pipeline by adding stages, click “Export Pipeline to Language”.      1. The text shown in the left box is the MongoDB code for the last pipeline you created. |