## **Part 1**

You have just been hired at a startup company. They currently only have ten employees, but they need to be included in the database. So far, they have only been tracked within an excel sheet. Your boss would like you to create a new collection in Atlas named employees. Take a look at the following data and the notes listed below before inserting any data:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Birthday** | **Address** | **City** | **State** | **Position Name** | **Remote** | **Full Time** |
|  |  |  |  |  |  |  |  |
| Alison Davidson | 04/05/75 | 874 W. Oak Place | Gary | Indiana | Customer Support | Yes | Yes |
|  |  |  |  |  |  |  |  |
| Henry Chapelton | 09/29/80 | 9324 E. Vista Way | Tempe | Arizona | Customer Support | No | Yes |
|  |  |  |  |  |  |  |  |
| Alex Miller | 11/22/83 | 244 Price Road | Mesa | Arizona | Customer Support | No | No |
|  |  |  |  |  |  |  |  |
| Carly Nielson | 08/04/87 | 678 W. Westward Road | Phoenix | Arizona | Office Manager | No | Yes |
|  |  |  |  |  |  |  |  |
| Tom Talbot | 12/30/89 | 12 Oakland Way | Chandler | Arizona | Inventory Manager | No | Yes |
|  |  |  |  |  |  |  |  |
| Mary Crawley | 07/06/80 | 1010 Granite Way | Charlotte | North Carolina | Human Resources | Yes | Yes |
|  |  |  |  |  |  |  |  |
| Daisy Baxter | 09/09/87 | 990 E. 84th St. | Tempe | Arizona | CEO | No | Yes |
|  |  |  |  |  |  |  |  |
| William Coyle | 10/11/91 | 944 W. 16th St. | Phoenix | Arizona | Intern | No | No |
|  |  |  |  |  |  |  |  |
| Edith Bates | 07/28/90 | 7 E. 20th Pl. | Chandler | Arizona | Customer Support | No | Yes |
|  |  |  |  |  |  |  |  |
| Gwen Harding | 10/11/86 | 234 W. 48th. St. | Phoenix | Arizona | Office Assistent | No | Yes |
|  |  |  |  |  |  |  |  |

****Notes:****

* The Birthday field should have a data type of Date.
* The Position Name, Remote, and Full Time fields should be within an embedded document called position.
* Remote and Full Time fields should have boolean values.

It's been about a month since you have inserted all employees into the database. There have been a couple of changes to the company. The CEO decided that he no longer wants remote employees, so they have transferred the remote employees and they are now living in Arizona. Alison Davidson now lives at 777 E. 1st St. # 120 Tempe, AZ and Mary Crawley now lives at 8322 W. Vista Pl. Scottsdale, AZ. Since all employees now all live in Arizona, there is no need to have a field named "state" within this collection, so please remove it. Lastly, they would like very efficient searching using the "position" field (remember that field includes a document with three other fields).