Exercise 2: Represent column families as tables
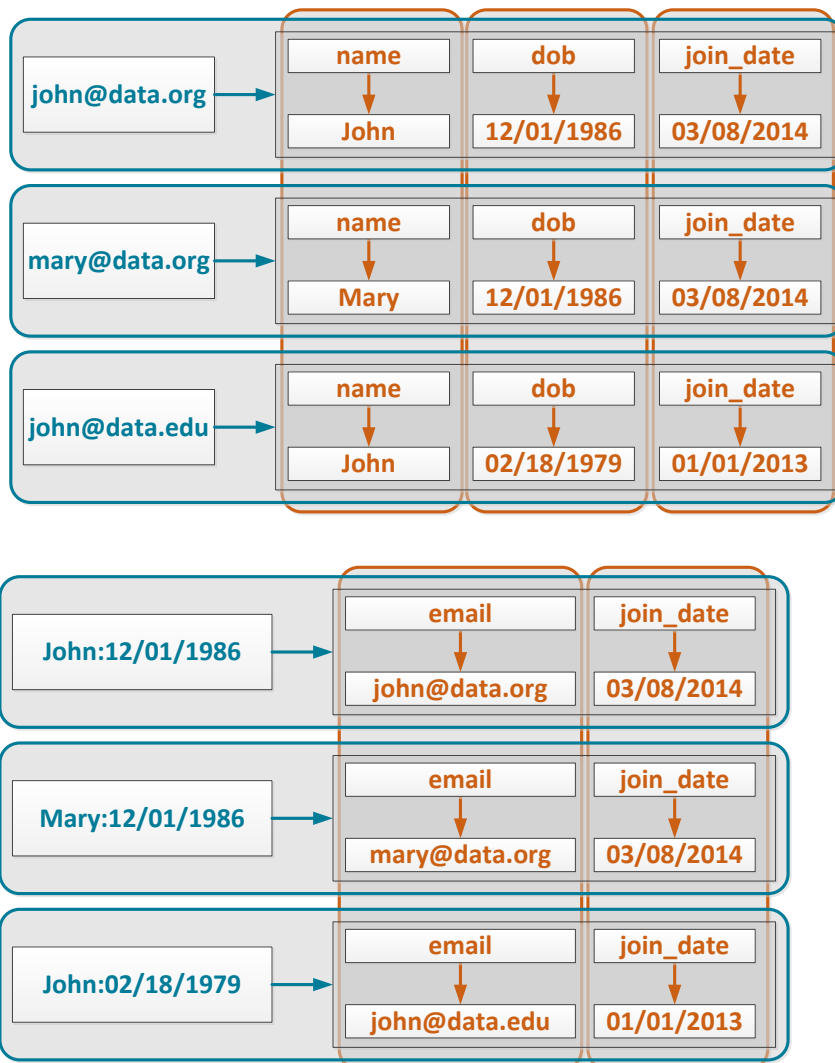
In this exercise, you will:

- Explore sample column families
- Represent column families as tables
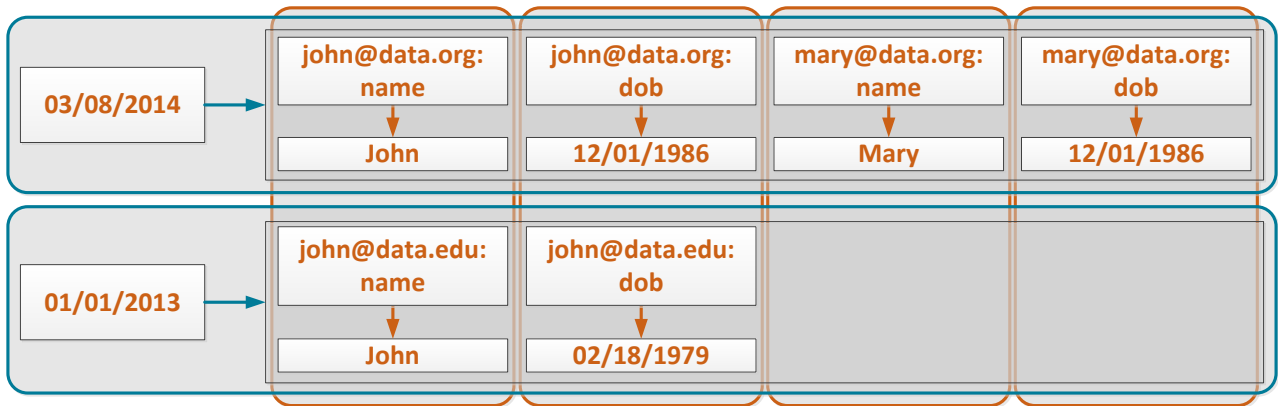
Steps

Explore sample column families

1. Shown below, consider sample column families that describe users.

	name	dob	join_date
john@data.org	John	12/01/1986	03/08/2014
mary@data.org	Mary	12/01/1986	03/08/2014
john@data.edu	John	02/18/1979	01/01/2013

	email	join_date
John:12/01/1986	john@data.org	03/08/2014
Mary:12/01/1986	mary@data.org	03/08/2014
John:02/18/1979	john@data.edu	01/01/2013

03/08/2014	john@data.org: name	john@data.org: dob	mary@data.org: name	mary@data.org: dob
	John	12/01/1986	Mary	12/01/1986

01/01/2013	john@data.edu: name	john@data.edu: dob		
	John	02/18/1979		

2. In the space below or a separate sheet, list a row key (simple or composite) and column keys (simple or composite) for each column family.

Represent column families as tables

3. In the templates below or a separate sheet, show how user data can be stored in tables.

users_by_email

users_by_name_and_dob

users_by_join_date

4. In the space below or a separate sheet, list a partition key (simple or composite), clustering columns, and a primary key for each table.

END OF EXERCISE