

## Exercise I: Model sample data as column families

### In this exercise, you will:

- Explore sample user data
- Organize data into column families

### Steps

#### Explore sample user data

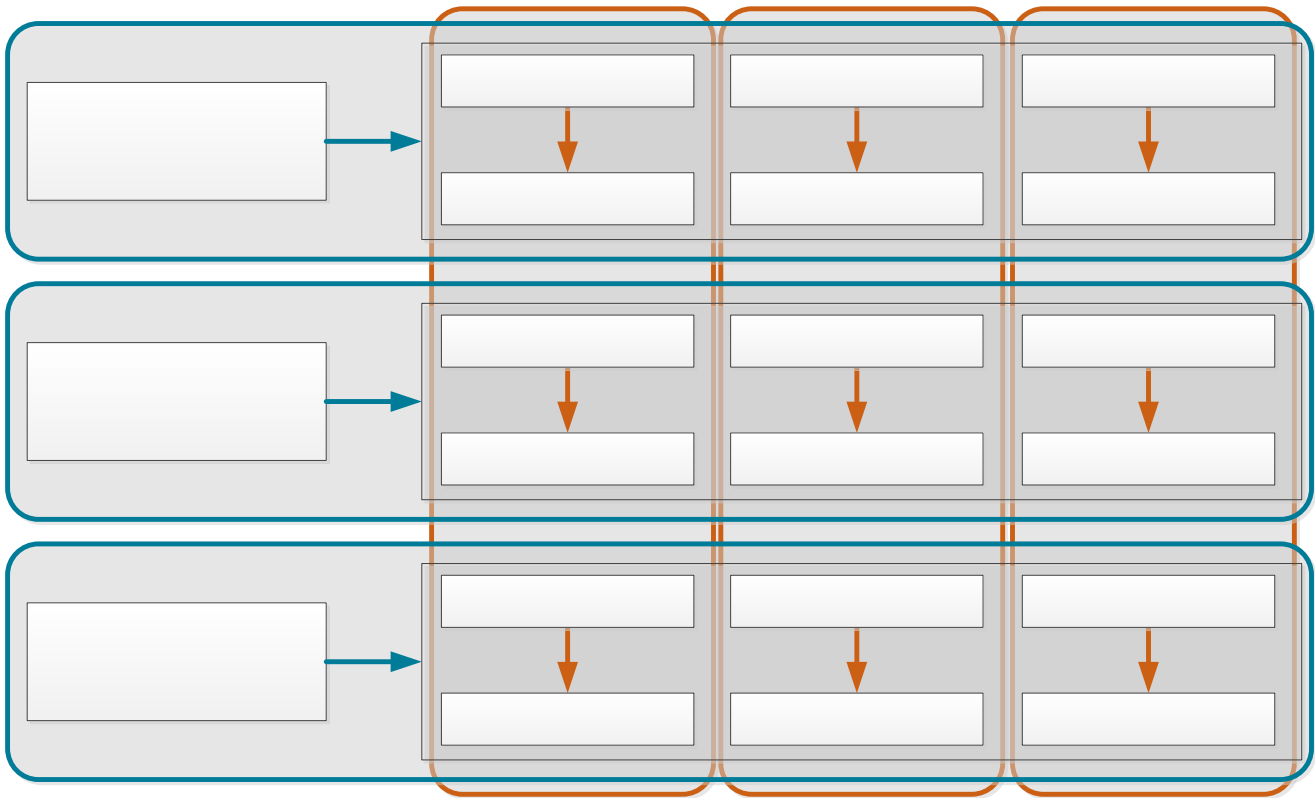
1. Shown below, understand the tabular data that describes users.

Name	DOB	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

2. In the space below or a separate sheet, list the fields above which uniquely identify a user.

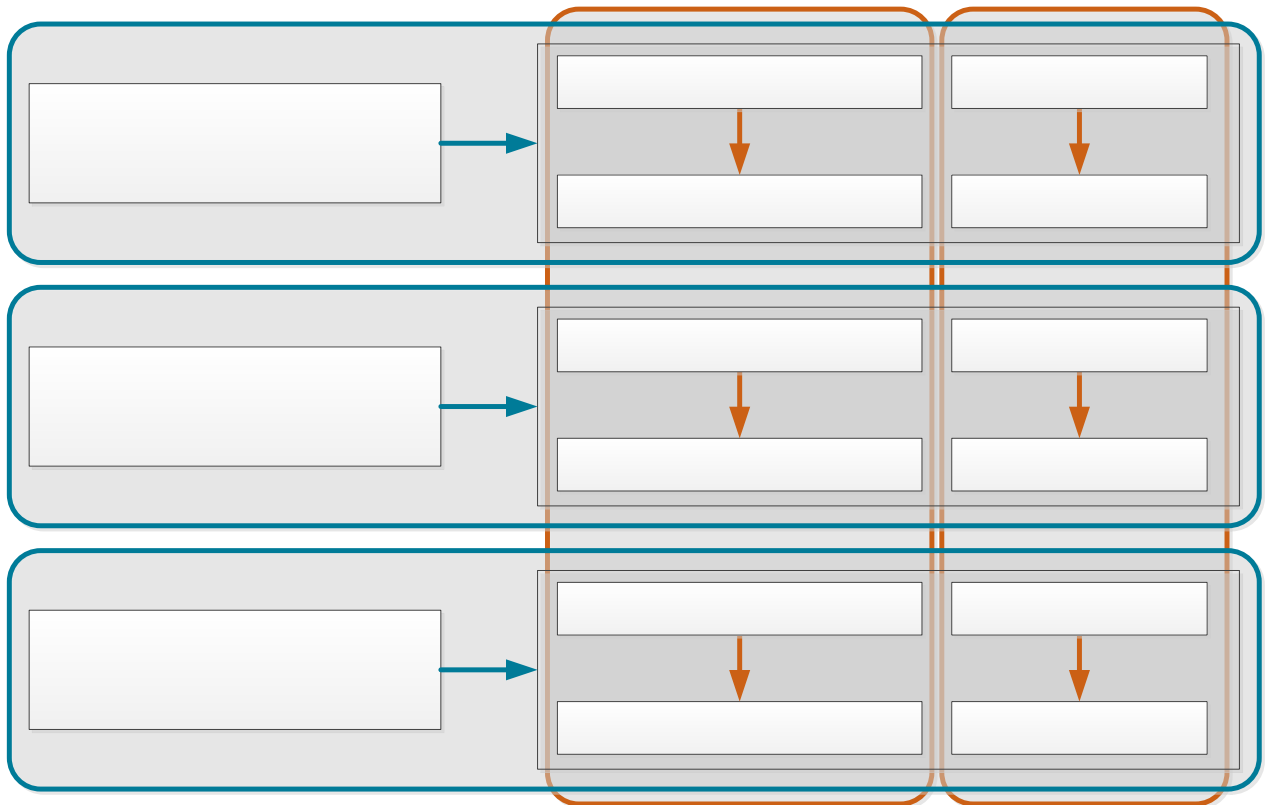
## Organize data into column families

3. In the template below or a separate sheet, fill in blanks to show how a column family can store user data in rows, where each row is identified by an email.

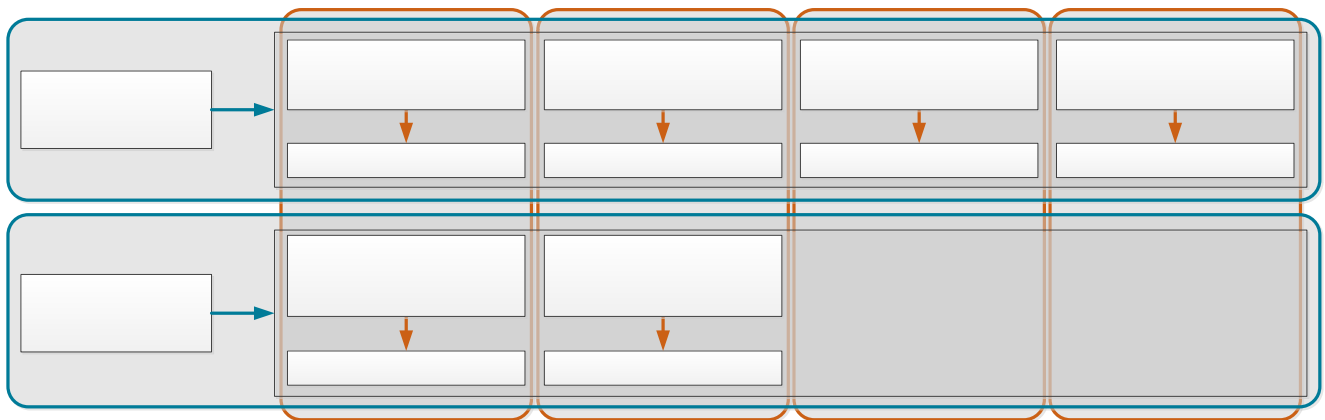


## Introducing the Cassandra Data Model and Cassandra Query Language

4. In the template below or a separate sheet, fill in blanks to show how a column family can store user data in rows, where each row is identified by a name and a date of birth.



5. In the template below or a separate sheet, fill in blanks to show how a column family can store user data in rows, where each row is identified by a join date.



END OF EXERCISE