

# **AXTRIA CHALLENGE**

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If the database is small we can use tabular Excel with the following fields:

1. User ID
2. Name
3. Role
4. Business Unit

Using ctrl A+ctrl T, we make the whole data into a table and toggle the attributes with desired values. Using this we can get both problems. By toggling the name in the NAME field, we get the corresponding Role and business unit. The table represents the whole list of selected users along with roles and business units. In case, the data is huge we can outsource the task to ERP providers to help us use SQL and retrieve data with relevant queries. This is a more scalable solution as when we make more tables, we can make use of the fact that SQL has faster Relational Table properties with more flexible search queries.