1. Job\_zones (in SQL and PHP)

I think this table is in the third normal form even though there it has no primary key mentions (other than foreign keys). The values are different (no duplication in the table and no multiple values for each column) from one another. Even though there is no primary key, the data can still depend/reference to other data in anther table(s). When it comes to updating/adding/dropping a row or two, the value doesn’t interfere with other that are presented in the table in the different row(s)/column(s).

1. Job\_zone\_references (in SQL and PHP)

I think this table is also in the third normal form due to it having a primary key that the other columns)/row(s) depend(s) on (primary key = job\_zone). Each row is unique and each holds different value(s) that doesn’t affect one another when the value(s) in one or two rows change. However, this may affect other table(s) that contain(s) any reference to this table due to its primary key or any other column(s) in this table. By looking at the primary key, the information for the row connecting to that primary key will determine that entire row’s values in this table.

1. Occupation\_data (in SQL and PHP)

For this table, I believe that this table is also in a third normal form similar to the job\_zone\_reference table because each individual row and column are different. The values in the table are different (with no duplication) depending on whatever the code (primary key) for that row is. Also, depending on the code for each row, the process of either adding, updating, or removing information from the table will not affect other row(s) (unless other table has any reference to this table to the primary key or any value(s) in this table).

1. Task\_ratings (in SQL and PHP)

I believe that this table is in the second normal form because there is no calculation field but contains some duplications in the columns that represent the reference key. Although there maybe some duplications and no primary key, the table can still make relation connection to other table(s) through its reference keys. Depending on whatever code listed for whatever row in this table, it can make a reference to the code in the occupation table. Or, depending on the task id, it can make a reference to the task id in the task statements table. Even without the primary key, the table is still related to/reference to another table through foreign keys.

1. Task\_statements (in SQL and PHP)

For this table, even though I believe it can be a third normal form, it still seems like it fits the second normal form better due to it having some duplication in the column named code. I think it falls into the second normal form more than the third normal form because it has a primary key, a foreign key, no calculation fields, but there are some duplications in the code column. Similar to other table, the primary key in this table to be traced to any desired values that are related to the key. The value(s) in this table can be changed without affecting any other value(s) presented, but it may affect other values in different table due to its primary key and reference key (other tables may reference to them).