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DBMS Lab 7

* 1. This relation is already in 1st NF, there is no missing data or multivalued data
  2. Emp\_Id identifies emp\_salary, Emp\_super, Emp\_Dept. Store\_Name and Emp\_Id identify Rating and hours\_per\_week. Store\_name identifies store\_mgr, revenue, and opening\_date.
  3. Candidate key would be the combination of store\_name and emp\_id.

|  |  |  |  |
| --- | --- | --- | --- |
| Emp\_ID | Emp\_Salary | Emp\_Super | Emp\_Dept |
| E-11 | 60,000 | Alice | 10 |
| E-5 | 55,000 | Bob | 12 |
| E-6 | 43,000 | Alice | 10 |
| E-2 | 45,000 | Bob | 15 |

|  |  |  |  |
| --- | --- | --- | --- |
| Store\_Name | Store\_Mgr | Revenue | Opening\_Date |
| Pink\_Store | Bob | 300,000 | 1/15/2015 |
| Blue\_Store | Alice | 500,000 | 3/1/2014 |

|  |  |  |  |
| --- | --- | --- | --- |
| Store\_Name | Emp\_ID | Rating | Hours\_per\_week |
| Pink\_Store | E-11 | 9 | 25 |
| Pink\_Store | E-5 | 8 | 40 |
| Pink\_Store | E-6 | 8 | 10 |
| Blue\_Store | E-11 | 7 | 15 |
| Blue\_Store | E-6 | 9 | 30 |
| Blue\_Store | E-2 | 9 | 40 |

* 1. Same as 2nd

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a social media post

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Increase salaries of employees in department 10

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A screenshot of a cell phone

Description automatically generated

Insert square footage column and add values

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Description automatically generated

Rename emp\_id to emp\_number

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A screenshot of a cell phone

Description automatically generated

No “PA\_Store” so I deleted the Pink\_Store

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Description automatically generated

A screenshot of a cell phone

Description automatically generated

Drop column that holds ratings

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Description automatically generated

A picture containing screenshot

Description automatically generated

Inserting new employee

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Description automatically generated

A picture containing screenshot

Description automatically generated

We don’t have a table with manager information so I couldn’t do the truncate and drop steps