Jacob Ambrose

Module 3 Normalized Tables

01/28/2024

Original Data Field:  
A white rectangular box with black text

Description automatically generated

3NF:

**PUBLISHER**

|  |  |  |  |
| --- | --- | --- | --- |
| publisher\_ID | publisher\_name | Publisher\_address | publisher\_email |

**BOOK**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| book\_isbn | book\_name | book\_price | author\_email | publisher\_ID |

**AUTHOR\_INFO**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| author\_email | author\_first\_name | author\_last\_name | author\_phone | author\_address |

**PUBLISHED BOOKS**

|  |  |  |  |
| --- | --- | --- | --- |
| book\_isbn | publisher\_ID | author\_first\_name | author\_last\_name |

**CONTRACTED AUTHORS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| publisher\_ID | publisher\_name | author\_email | author\_first\_name | author\_last\_name |

**ASSUMPTIONS:**

* I assumed that author\_email would be the best primary key as a publisher might have multiple Steve Does as authors, but all email addresses are unique.
* Highlighted cells are Primary Keys, and then Foreign Keys as they are called elsewhere.