|  |  |  |  |
| --- | --- | --- | --- |
| publisher\_name | publisher\_ID | publisher\_address | book\_isbn |
| book\_name | book\_price | author\_first\_name | author\_last\_name |
| author\_phone | author\_email | publisher\_email | author\_address |

Breaking down the data:

1. Publisher Information
   1. publisher\_name
   2. publisher\_ID
   3. publisher\_address
   4. publisher\_email
2. Book Information
   1. book\_name
   2. book\_price
   3. book\_isbn
   4. publisher\_ID
3. Author Information
   1. author\_first\_name
   2. author\_last\_name
   3. author\_phone
   4. author\_email
   5. author\_address

**3NF Tables:**

1. **Publisher Table**
   1. **Primary Key** = publisher\_ID

|  |  |  |  |
| --- | --- | --- | --- |
| **publisher\_ID** | **publisher\_name** | **publisher\_address** | **publisher\_email** |
| 01 | Pearson Education | 123 Cherry Ln | pearson@gmail.com |
| 02 | Atmosphere Press | 4242 Candy Ct | [Apress@gmail.com](mailto:Apress@gmail.com) |
| 03 | Penguin Random House | 5789 Turtle Rd | prhpublishing@gmail.com |

1. **Book Table**
   1. **Primary Key** = book\_isbn

|  |  |  |  |
| --- | --- | --- | --- |
| **book\_isbn** | **book\_name** | **book\_price** | **publisher\_ID** |
| 011934 | The Silent Patient | 24 | 02 |
| 028789 | James and the Giant Peach | 18 | 03 |
| 005365 | Introduction to Java Programming and Data Structures | 50 | 01 |

1. **Author Table**
   1. **Primary Key(s)**: author\_first\_name and author\_last\_name

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **author\_first\_name** | **author\_last\_name** | **author\_phone** | **author\_email** | **author\_address** |
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| Roald | Dahl | 123-456-7890 | [dahlr@gmail.com](mailto:dahlr@gmail.com) | 47 Chip St |
| Daniel | Liang | 232-434-5363 | [ydliang@gmail.com](mailto:ydliang@gmail.com) | 12 Edison Ln |