**Entity & Referential Integrity**

**Learning goal: gain an understanding of entity and referential integrity.**

**Fill in the blanks using words from the table below.**

**Entity integrity** and referential**integrity** are two forms of data**integrity** that are particularly important in relational databases.

Entity integrity is concerned with**ensuring that each \_\_\_\_\_\_\_\_ of a \_\_\_\_\_\_\_\_ has a \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ value.**

In Relational Database Management Systems (RDBMS) referential integrity can be enforced by working with **\_\_\_\_\_\_\_\_** and **\_\_\_\_\_\_\_\_** keys. Each **\_\_\_\_\_\_\_\_** must have a corresponding **\_\_\_\_\_\_\_\_**  so that reference from one table to another must always be valid. **\_\_\_\_\_\_\_\_** ensures that **\_\_\_\_\_\_\_\_** between **\_\_\_\_\_\_\_\_** remains **\_\_\_\_\_\_\_\_**.

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| **primary key** | **tables** | **consistent** | **non-null** | **primary key** |
| **primary** | **foreign** | **foreign key** | **Referential integrity** | |
| **unique** | **table** | **relationships** | **row** |  |