

# Shelter Animal ER Diagram

**First Normal Form (1NF):** Arrange the data so that there aren't any columns that hold the same information more than once and each column has simple, indivisible values. Do not use complex structures like arrays or lists.

**Second Normal Form (2NF):** Building on 1NF, make sure that all of a table's non-key attributes depend on the whole main key. This stops partial dependencies and protects the integrity of the data.

**Third Normal Form (3NF):** Building on 2NF, get rid of transitive relationships by making sure that non-key attributes don't depend on other non-key attributes. This makes the data even more consistent and cuts down on duplication.

