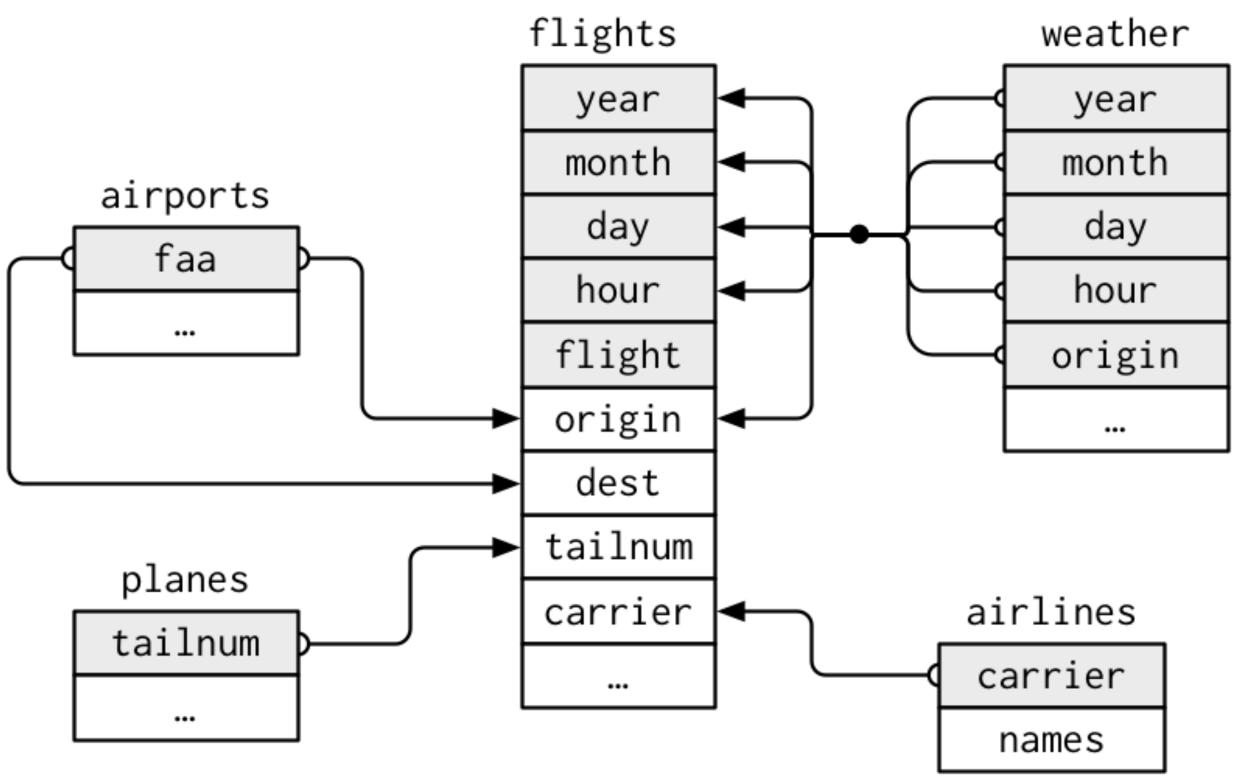
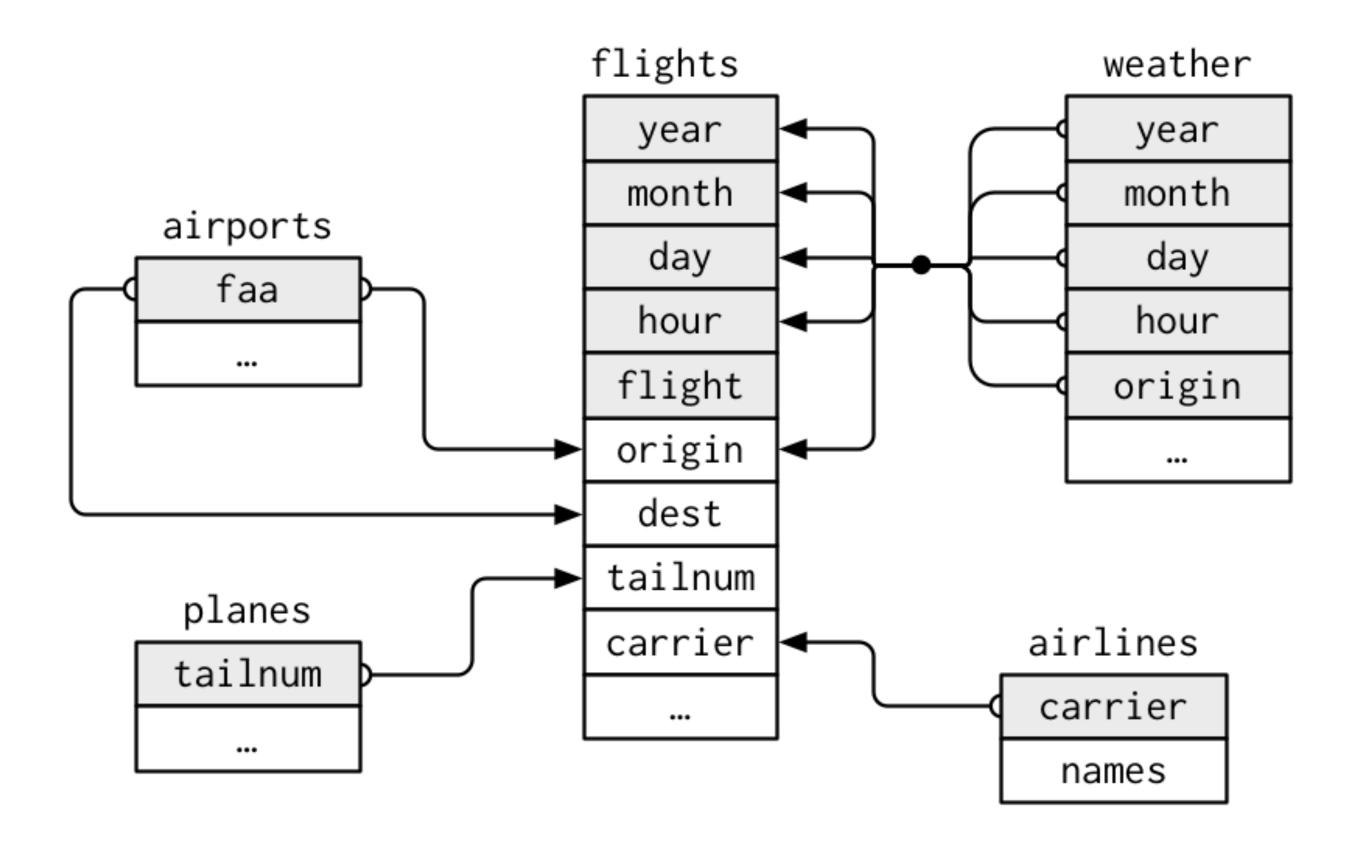
Each table has keys that link it to other tables



A primary key uniquely identifies an observation in its own table. For example, planes\$tailnum is a primary key because it uniquely identifies each plane in the planes table

A foreign key uniquely identifies an observation in another table. For example, flights\$tailnum is a foreign key because it appears in the flights table where it matches each flight to a unique plane

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Exercise set 1

- 1. Imagine you wanted to draw (approximately) the route each plane flies from its origin to its destination. What variables would you need? What tables would you need to combine?
- 2. We know that some days of the year are "special", and fewer people than usual fly on them. How might you represent that data as a data frame? What would be the primary keys of that table? How would it connect to the existing tables?