

```
connect_db(app)
```

- **SQLALCHEMY\_DATABASE\_URI** - Where is your database?
- **SQLALCHEMY\_TRACK\_MODIFICATIONS** - Set this to false or SQLAlchemy will yell at you
- **SQLALCHEMY\_ECHO** - Print all SQL statements to the terminal (helpful for debugging)
- Can talk to SQLite, PostgreSQL, MySQL, and more
- You (almost) never have to change code if you change databases

## Models

### Our Model

*demo/models.py*

```
class Pet(db.Model):  
    """Pet."""  
  
    __tablename__ = "pets"  
  
    id = db.Column(db.Integer,  
                   primary_key=True,  
                   autoincrement=True)  
    name = db.Column(db.String(50),  
                     nullable=False,  
                     unique=True)  
    species = db.Column(db.String(30), nullable=True)  
    hunger = db.Column(db.Integer, nullable=False, default=20)
```

- All models should subclass **db.Model**
- Specify the tablename with `__tablename__`

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