

1. Introduction to Models:

- Django Model is a Python class that subclasses `django.db.models.Model`

2. Defining a Model:

2.1. Model Fields:

- CharField
- TextField
- IntegerField
- PositiveIntegerField
- FloatField
- DecimalField(max_digits, and decimal_place are required)
- DateField
- DateTimeField
- BooleanField - if set to allow empty values, it changes from checkbox to a select box
- URLField
- EmailField

*auto_now = sets the field to now every time the object is saved

*auto_now_add = sets the field to now when the object is first created

2.2. Field Options and Types:

- Unique
- Default
- Null
- Blank
- Primary_Key
- Choices - list of tuples or tuple of tuples
- Editable
- Verbose_Name

3. Migrations Basics:

```
python manage.py makemigrations
python manage.py migrate
```