



BACKEND FRAMEWORK (DJANGO)

Lesson 6

Django Model

django.db.models.Field options

1. null
2. blank
3. choices
4. primary_key
5. unique

Model Relations

1. OneToOne
2. ForeignKey
3. ManyToManyField

Meta class

1. ordering
2. verbose_name
3. db_table
4. abstract
5. proxy
6. unique_together

Model methods

1. instance methods
2. class methods
3. static methods
4. property
5. `__str__`

Model inheritance

1. Abstract base classes
2. `abstract=True`
3. Meta class inheritance

Model Manager

1. rename “objects” using manager
2. custom model Manager
3. override get_queryset in manager

Naming Your Models

1. classes — CapWords convention (CustomUser, Student)
2. attributes — snake_case (first_name, last_name)
3. name of model — singular form

Model Style Ordering

1. All database fields
2. Custom manager attributes
3. `class Meta`
4. `def __str__()`
5. `def save()`
6. Any custom methods

Questions?