Django update data

Django shell[¶](https://learnbatta.com/course/django/update-data/#django-shell)

* Run the command python manage.py shell open the django shell.

Django Model - Contact[¶](https://learnbatta.com/course/django/update-data/#django-model-contact)

* We will be using model Contact from [Django Models](https://learnbatta.com/course/django/models/).

my\_app/models.py

from django.db import models

class Contact(models.Model):

first\_name = models.CharField(max\_length=30)

last\_name = models.CharField(max\_length=30)

email = models.EmailField(max\_length=255)

phone = models.CharField(max\_length=10, null=True)

class Meta:

db\_table = "contact"

Add few records to database[¶](https://learnbatta.com/course/django/update-data/#add-few-records-to-database)

from my\_app.models import Contact

contacts = [

{"first\_name": "Johan", "last\_name": "K", "email": "johan@example.com"},

{"first\_name": "Johanan", "last\_name": "M", "email": "johanan@example.com"},

{"first\_name": "Joharr", "last\_name": "K", "email": "joharr@example.com"},

{"first\_name": "Mani", "last\_name": "M", "email": "mani@example.com"},

]

objects = [Contact(\*\*d) for d in contacts]

results = Contact.objects.bulk\_create(objects)

update single record - save()[¶](https://learnbatta.com/course/django/update-data/#update-single-record-save)

* Retrieve the record and make some changes to the fields and call save() method to udpated the record.
* Let's look at an example.

from my\_app.models import Contact

obj = Contact.objects.get(email='johan@example.com')

obj.first\_name = "Jerry"

obj.save()

update multiple records - bulk\_update()[¶](https://learnbatta.com/course/django/update-data/#update-multiple-records-bulk_update)

* Retrive individual records and update at once.
* use bulk\_update() method to update it.

from my\_app.models import Contact

obj1 = Contact.objects.get(email='johan@example.com')

obj1.first\_name = "Jerry"

obj2 = Contact.objects.get(email='mani@example.com')

obj2.first\_name = "Bingo"

updated\_count = Contact.objects.bulk\_update([obj1, obj2], ['first\_name'])

print(updated\_count)

# output: 2

update multiple records - update()[¶](https://learnbatta.com/course/django/update-data/#update-multiple-records-update)

* Update multiple records without retrieving using update()

from my\_app.models import Contact

update\_count = Contact.objects.filter(email='mani@example.com').update(last\_name="MD")

print(updated\_count)

# output: 2

References[¶](https://learnbatta.com/course/django/update-data/#references)

* <https://docs.djangoproject.com/en/dev/ref/models/querysets/>