

[Difference b/w]

save vs create in Django Models



Introduction

In this particular post, we will going to see these two important methods, that are useful for database operations, but they have some differences between them.

Understand the create() method

create() method is a **model manager** method, that is used to create a new model instance (in simple words, it's used to create a new record to the database model) only in a single step.



Create Method Example

Let's say, we have a Student model and it
have name field.

```
from .models import Student  
  
stu = Student.objects.create(name="john")
```

Here, we have called the create method
from manager and pass the data to field,
so this will save the record to student
model and return the object

Understand the save() method

save() method is a **model method**, that is used to create or update model instance (in simple words, it's used to create or update record to the database model).



Save Method Example

```
from .models import Student
```

```
# Using save() method to update the record  
stu = Student.objects.get(pk=1)  
stu.name = "david"  
stu.save()
```

```
# Using save() method to create a new record  
stu = Student(name="john")  
stu.save()
```

it will create the new
student records to
database model

it will update the
existing student records
to database model

Differences

create() method	save() method
<ul style="list-style-type: none">It is a model manager method, so you just need a manager object to use this method	<ul style="list-style-type: none">It is a model method, so you can simply create a model instance and use this method
<ul style="list-style-type: none">This method is only used to create a new record to database.	<ul style="list-style-type: none">This method is used to create or update record to database.
<ul style="list-style-type: none">We can use create method where, we want to create a new record to database model, with single step.	<ul style="list-style-type: none">We can use save method, where we want to create or update the data to database.

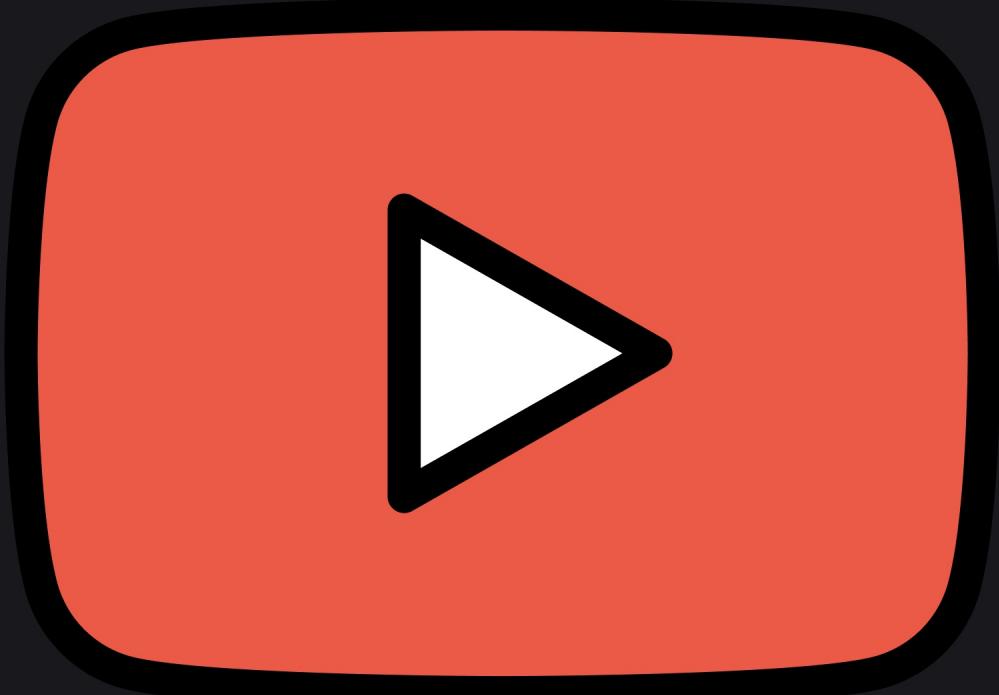
Conclusion

Both create and save methods are useful, to create and update the data to the database. We can use them in different scenarios based on our application requirements.

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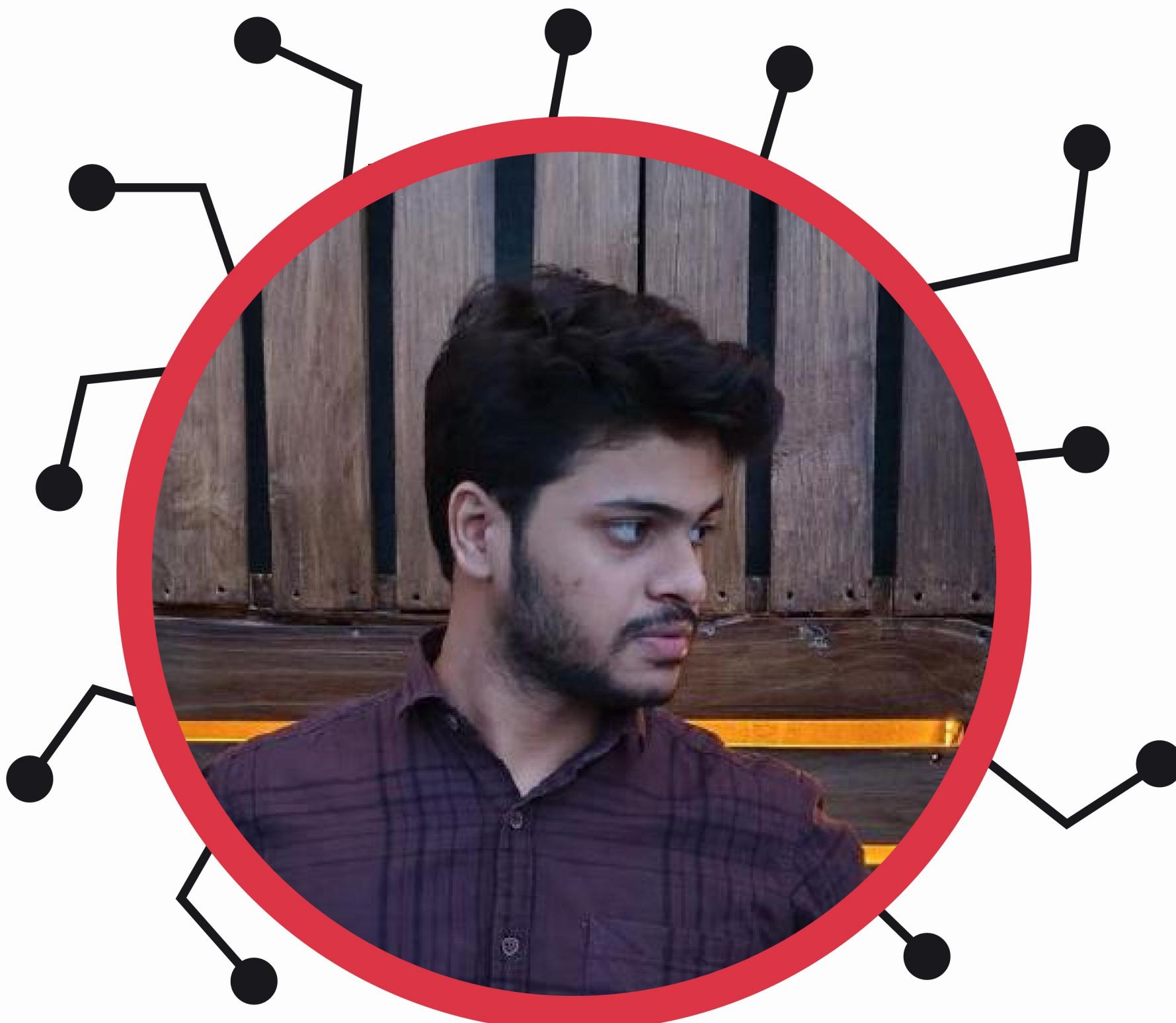
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