

## Create Data/Insert Data



```
from rest_framework import serializers
class StudentSerializer(serializers.Serializer):
    name = serializers.CharField(max_length=100)
    roll = serializers.IntegerField()
    city = serializers.CharField(max_length=100)

    def create(self, validated_data):
        return Student.objects.create(**validated_data)
```

## Update Data



```
from rest_framework import serializers
class StudentSerializer(serializers.Serializer):
    name = serializers.CharField(max_length=100)
    roll = serializers.IntegerField()
    city = serializers.CharField(max_length=100)
    def update(self, instance, validated_data):
        instance.name = validated_data.get('name', instance.name)
        instance.roll = validated_data.get('roll', instance.roll)
        instance.city = validated_data.get('city', instance.city)
        instance.save()
    return instance
```

New Data from user for updation

Old Data stored in Database

## Complete Update Data

By default, serializers must be passed values for all required fields or they will raise validation errors.

Required All Data from Front End/Client

```
serializer = StudentSerializer(stu, data=pythondata)
```

```
if serializer.is_valid():
```

```
    serializer.save()
```

## Partial Update Data

Partial Update - All Data not required

```
serializer = StudentSerializer(stu, data=pythondata, partial=True)
```

```
if serializer.is_valid():
```

```
    serializer.save()
```