

A method provides functionality to an Object. A class method provides functionality to a class itself, while an instance method provides functionality to one instance of a class.

1. Company

#	Employees	gender	age	phone	email	department
1	zainab	female	23	07777777777	zainab@gmail.com	IT
2	Ahmed	male	30	07909999999	ahmed@gmail.com	HR
3	sara	female	25	07808888888	sara@gmail.com	HR
4	zain	male	20	07505555555	zain@gmail.com	sales

Class method

For example:

Company  Class

Employees  Class method

```
Class Company < ApplicationRecord
```

```
def self. Employees_department
```

```
  “Print department”
```

```
End
```

```
End
```

Company.Employees_department

“Print department”

Instance Method

For example:

Zainab  instance

IT  instance method

Class Company < ApplicationRecord

def Employee_department

 “department”

End

End

Company. find(1).Employee_department

“department”

2. *Universities*

#	university	location
1	Baghdad_university	Baghdad
2	Cihan_university	Duhok
3	Babylon_university	hillah
4	Albasrah_university	basra
5	Samarra_university	samarra

Class method

For example:

Universities  Class

Their location is in Iraq  Class method

```
Class Universities < ApplicationRecord
```

```
def self.universities_location
```

```
  "Iraq"
```

```
End
```

```
End
```

```
Universities.universities_location
```

```
  "Iraq"
```

Instance Method

For example:

Baghdad_university  instance

Locate in Baghdad  instance method

```
Class Universities < ApplicationRecord
```

```
  def university_location
```

```
    "location"
```

```
  End
```

```
End
```

```
Company.first.university_location
```

```
"location"
```

3. *Transportation*

#	transportation	type
1	Car	Land transport
2	bus	Land transport
3	train	Land transport
4	airplane	Air transport
5	boat	Marine transport

Class method

For example:

Transportation  Class

Method of Transport  Class method

```
Class Transportation < ApplicationRecord
```

```
  def self. Transport
```

```
    “Great invention”
```

```
  End
```

```
End
```

Transportation.Transport

“Great invention”

Instance Method

For example:

airplane  instance

Air transport  instance method

Class Transportation < ApplicationRecord

def Air_transport

“comfortable”

End

End

Transportation.find(4).Air_transport

“comfortable”